EPA REGION 6
SURVEILLANCE SECTION
AIR INSPECTION REPORT

Report Date:	August 8, 2007	
Inspection Date:	July 5, 2007	
Type of Inspection:	Full Compliance Evaluation	
Company Name:	Lisbon Processing LLC.	
Mailing Address:	18647 Highway 2, Lisbon, LA 71048	
Location:	Approximately 4 miles east of Lisbon, LA on Highway 2.	
Corporate Address	Same as mailing address.	
Type of Industry:	Facility reported themselves as a Petroleum Bulk Station & Terminal (5171) however, since the incoming petroleum byproduct is further processed onsite to remove the sulfur and mercaptans this SIC does not seem appropriate.	
SIC #	5171 (see above)	
AFS#	None	

Enforcement Officer:	Richard Raybourne (6EN-AA)	Signature Date
EPA Inspector(s):	Greg Valentine (6EN-AS)	Signature 9/11/07 Date
Reviewed by:	David Robertson (6EN-AS)	Signature 9/12/07 Date

Executive Summary:

This inspection report is comprised of four sections numbered I through IV:

Section I includes the purpose of the inspection, introduction, process description, onsite inspection summary, potential to emit, map(s) of facility and address for correspondence.

Section II includes documents requested and applicable regulations and construction/ modifications dates.

Section III includes compliance status of applicable EPA regulations. Findings reported in Section III of this report should not preclude any further enforcement documentation review, legal review or further enforcement action.

Section IV includes areas of concern.

Section (I)

I. Purpose

On July 5, 2007, a multimedia - Clean Air Act (CAA), Resource Conservation and Recovery Act (RCRA) and Clean Water Act (CWA) - full compliance evaluation (FCE) was conducted at the Lisbon Processing, LLC facility (Lisbon) located at 18647 Highway 2, Claiborne Parish, Lisbon, Louisiana. This report covers only the CAA portion of the FCE. The FCE focused on all applicable new source performance standards (NSPS) regulations. The Lisbon facility was inspected for the following:

40 CFR Part 60 – NSPS

Subpart A – General Provision

Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction or Modification Commenced After June 11, 1973, and Prior to May 19, 1978

Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage, Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984

During the onsite evaluation, I verified applicability of regulations, source status (area or major, new or existing), compliance dates, notification requirements, inspection requirements, monitoring records and if compliance status reporting and certifications had been conducted. Compliance with Federal Regulations and Areas of Concern are provided on Page 9 and Page 12, respectively, of this report.

II. Introduction

I was accompanied by EPA inspectors David Robertson (RCRA) and Juan Ibarra (CWA) during the inspection. Mr. Paul Huff, Plant Manager, and Ms. Cassie Howard, Office Manager were the facility representatives for Lisbon during the inspection. Mr. Jody Thieman, Altec Environmental Engineer, located in Shreveport, Louisiana, acted as environmental consultant for Lisbon, provided information about the facility and access to the limited records and other paperwork the facility maintained. Mr. Keith Wilson from Wilson Fabrication Manufacturing Corporation, provided me with information pertaining to onsite storage tanks, tank inspections and control equipment via a phone interview during the onsite inspection.

The following personnel participated in this inspection:

Name	Affiliation	Title	Contact Information
Paul Huff	Lisbon Processing, LLC	Plant Manager	Office: (318) 341-0235
Cassie Howard	Lisbon Processing, LLC	Office Manager	Office: (318) 353-1310 Cell: (214) 676-4323
Jody Thiemann	Altec Environmental	Engineer	Office: (318) 687-3771 jthiemann@altecenv.com
Keith Wilson	Wilson Fabrication Manufacturing Corporation.	Owner	No contact information collected

Greg Valentine	U.S. EPA	CAA Inspector	Office: (214) 665-3111 Fax: (214) 665-7446 valentine.greg@epa.gov
David Robertson	U.S. EPA	RCRA Inspector	Office: (214) 665-7363 Fax: (214) 665-7446 robertson.david@epa.gov
Juan Ibarra	U.S. EPA	CWA Inspector	Office: (214) 665-8493 Fax: (214) 665-7446 ibarra.juan@epa.gov

III. Process Description:

Lisbon receives a petroleum byproduct they call "natural gasoline" from the Louis Dreyfus Olefins Plant (Louis Dreyfus) in Geismar, Louisiana and removes the mercaptans and sulfur via a proprietary process developed and owned by Mr. Ronnie Jackson of Paratech in El Dorado, Arkansas. According to Mr. Huff, the petroleum material is a co-product of the refining process at Louis Dreyfus containing five carbon chain (C5's) molecular products and higher, that can not be further refined due to the high sulfur and mercaptan content. Louis Dreyfus ships the petroleum byproduct in tanker trucks (each truck can hold approximately 190 to 200 barrels (~7,980 to 8,400 gallons)) to Lisbon. According to Mr. Huff, Lisbon receives approximately three trucks per day (~580 barrels/day (24,360 gallons/day)), seven days a week. Upon arrival at Lisbon the tanker trucks are unloaded and the petroleum byproduct is placed in onsite storage tanks, at the time of the inspection, Tank A1. The natural gasoline is then pumped into the desulphurization skid where it undergoes a caustic wash of sodium hydroxide (NaOH), where the sulfur and mercaptans are removed. The sulfur concentration of unprocessed petroleum byproduct is approximately 3,000 parts per million (ppm) and approximately 400 ppm for processed petroleum byproduct. According to Mr. Huff, the desulphurization skid can process approximately 70 barrels of the petroleum byproduct an hour. Following the desulphurization process, the lower sulfur petroleum byproduct is pumped to Tank F6 for storage, until Lisbon receives an order for the natural gasoline.

IV. Onsite Inspection Summary

July 5, 2007

Upon arrival at the facility, Mr. Robertson, Mr. Ibarra and I proceeded to the facility office where we met Mr. Huff. We presented our credentials and informed him of the purpose of our visit. Ms. Cassie Howard later introduced herself and again we presented our credentials. Mr. Huff and Ms. Howard informed us that Lisbon Processing applied for, but has not yet received an air permit, and that they were working with LDEQ to come into compliance with all applicable environmental regulations.

Mr. Huff informed us they received a petroleum byproduct, referred to as natural gasoline, from the Louis Dreyfus plant in Geismar, Louisiana. A Material Safety Data Sheet (MSDS) of this material is provided as **Attachment A**. According to Mr. Thieman, this MSDS is not very accurate. They process this material in a caustic wash process developed by Mr. Jackson, and then ship it offsite to customers when ordered. Processed material is shipped to facilities or pipelines in Quitman, Texas; Liberty, Mississippi; St. James, Louisiana; Placid Refinery in Port

Arthur, Texas; Valentine, Louisiana; and Valero in Krotz Springs, Louisiana. The processed material is approximately 72 octane when it is shipped offsite. According to Mr. Huff, processing at this facility began on March 23, 2007. Lisbon receives approximately three truck loads a day of this petroleum byproduct seven days a week. Each truck holds approximately 190 to 200 barrels of the material. According to Mr. Huff, tanks A1, D4, F6, H8, I9 and L12 are currently holding the Geismar material, Tank K11 is holding liquids (mostly water) from the June 2007 spill, tanks J10 and M13 are empty, tanks E5 and G7 are empty and Lisbon plans to dismantle them. Tanks B2 and C3 are empty and are being cleaned (bottoms removed) to prepare them for repairs.

Following the entrance briefing, we conducted a preliminary facility walk-through, to observe the facility. We proceeded along the eastern edge of the facility from the office towards tanks K11 and L12. We observed two USA Environmental tanker vacuum trucks (**Attachment B, Photo 01**) pumping material from tanks H8, I9, and L12 and delivering it to tank A1. Next, we observed tanks H8, I9, J10, K11 and L12 near the southeast corner of the facility (**Photos 02, 03, 04 and 05**). The berm next to tank L12 had been cut (**Photo 03**) to allow vacuum trucks better access to the storage tanks. According to Mr. Huff, all onsite storage tanks had internal floating roofs equipped with double seals, with the exception of tank L12, which had an internal floating roof equipped with only a single seal. Mr. Huff said that tank M13 had the double sealed internal floating roof installation completed the morning of this inspection, July 5, 2007. However, due to the high vapor pressure of the material within these tanks each tank should be equipped with closed-vent systems connected to a control device. Lisbon, according to Mr. Huff, is working with the LDEQ to come into compliance by installing either a chiller or pressurized tanks, due to the high vapor pressure (13.50 to 15.00 psia) of the petroleum byproduct.

Next, we proceeded around the north end of the berm surrounding tanks H8 through L12 where we observed a green "baker box" (**Photo 06**). The "baker box" was storing spill residue from the June 2007 spill. We then climbed on top of the berm surrounding tanks H8, I9 and J10, to observe the western side of the tanks and containment area. We were able to observe tanks G7 (**Photo 07**); F6, E5 and D4 (**Photo 08**); and B2 and A1 (**Photo 09**) from this location. We also observed two (2) vacuum trucks used for cleaning out onsite storage tanks (**Photo 09**). At the time of the inspection they were cleaning out tank C3. Videos showing leaking vents and/or manway hatches from storage tanks A1, B2, C3, D4 and F6 are provided in **Attachment B**.

We proceeded to tanks G7 and C3 (**Photos 10 and 11**) to conduct a closer inspection of these vessels. Both tanks had their manway hatches open at the time of the inspection. It appeared that no cleanout work was being conducted on tank G7 (**AOC 01**) at the time of the inspection. Mr. Robertson asked Mr. Huff about the black material lying on the ground outside the open manway hatch of tank G7. Mr. Huff told Mr. Robertson that the material was rust from the cleaning of the tank. USA Environmental appeared to be working on tank C3 at the time of the inspection. According to Mr. Huff, solids from tank C3 are being removed and placed in onsite roll-off boxes.

We continued the site walk-through in the central portion of the facility due east of tank C3. We observed a number of "baker boxes", roll-off boxes and frac tanks (**Photos 12, 13, 14 and 16**).

The manway hatch on one of the green "baker boxes" was observed (**Photo 12**) to be propped open with what appeared to be a large tree branch. No emissions were observed, with the FLIR® IR camera, coming from this hatch. The green frac tank (**Photo 13**) observed in this area contained liquids from cleanout of tanks C3, D4, F6, H8, I9 and L12. Mr. Huff informed us that a profile was being run on the material to determine how and where it can be disposed. Spill Oil Skim from the creek, creek water from the spill and remaining water from tank C3 were being stored in the black and brown frac tanks in this area (**Photos 14 and 16**). The hatch on the shorter brown frac tank, left most tank in **Photo 16**, was observed to be open at the time of the inspection and fumes were observed with the FLIR® IR camera. The rusty gray roll-off box on the left side of **Photo 16** contained solids from creek cleanup. According to Mr. Huff, all wastes from the spill cleanup were still onsite at the time of the inspection.

As we were walking from the central portion of the facility toward tanks A1 and B2, we observed yellow "caution" tape cordoning off an area around tank B2 (**Photo 15**). When asked why this area was cordoned off, Mr. Huff told us that the lower explosive limit (LEL) within this area had been exceeded. No onsite personnel were observed, by EPA, monitoring for LEL during the inspection. Closer examination of tank B2 showed that the manway hatch had been removed (**Photo 17**) and FLIR® IR Video footage (**Video 08**) showed large volumes of what is believed to be volatile organic compound (VOC) fumes coming from the hatch (**AOC 01**).

We next proceeded to the loading/unloading area (**Photo 19**) where we observed the two (2) unloading and one (1) loading stalls. From this location we were also able to observe the caustic storage tanks (**Photos 18, 21 and 22**). The pressure relief valve on the spent caustic storage tank (**Photo 21**, right most tank in **Photo 22**, left most tank in **Photo 18**) was shown, via the FLIR® IR camera, to be leaking VOC fumes (**Videos 06 and 07**). We were also able to observe the caustic wash processing unit (**Photo 20**), located near the northwest corner of the facility, from this location. This process is a proprietary process developed by Mr. Ronnie Jackson of Paratech. According to Mr. Huff, Mr. Jackson owns the process and is responsible for bringing in new caustic wash material and having the spent caustic removed. Spent caustic is shipped offsite approximately once a month. Mr. Huff did not know where the spent caustic material was sent when shipped offsite. Lisbon owns and is responsible for everything else onsite.

Following the preliminary walk-through of the facility, we returned to the office to conduct the file review portion of the inspection. I requested shipping manifests from Mr. Huff and Ms. Howard, who informed me that LDEQ had taken the logs during their inspection of the facility after the June 2007 spill. Ms. Howard was able to obtain Lisbon's Loading and Unloading Spreadsheets (**Attachment C**), which show that the first load of material was received at the facility on May 23, 2007, however, material was first shipped from the facility on April 1, 2007 (**AOC 02**). According to Ms. Howard, there was material in tank A1 that they shipped offsite prior to receiving any shipments at the facility. Mr. Huff and Ms. Howard did not know where this material was shipped. Lisbon may not have applied for an air permit prior to commencing operations at the facility (**AOC 03**). According to Mr. Huff, the last shipment of material from Geismar was received at Lisbon on June 30, 2007, however their loading and unloading log entries stop on June 22, 2007 and June 23, 2007, respectively (**AOC 04**).

I also requested copies of Lisbon's air permit application (**Attachment D**), tank dimensions and capacity records (**Attachment G**), risk management plan (RMP), tank inspection records, analysis of material stored in tanks, notifications to LDEQ prior to filling the tanks and reports certifying control equipment on tanks. After review of Part 68, it appears that Lisbon is not subject to the requirements for an RMP. I requested the tank inspection records from Mr. Keith Wilson of Wilson Fabrication Manufacturing Corporation, during a phone interview conducted during the July 5, 2007 inspection. Mr. Wilson informed me that they were putting a report together with this information and it should be ready by July 11, 2007. I have not yet received these records. Ms. Howard did not know where the analytical data was for the material stored in the tanks. Mr. Huff instead gave me a MSDS for "Natural Gasoline" (**Attachment A**). According to Ms. Howard, Lisbon did not know they were suppose to submit notification to LDEQ prior to filling the tanks or a report certifying the control equipment on tanks and could therefore not provide me this documentation.

At approximately 1300 hours, Mr. Huff received a phone call from Mr. James Ballengee, notifying him that Lisbon had received a cease and desist order from LDEQ. EPA inspectors observed Mr. Huff immediately close the gates to the facility and shutdown the caustic wash processing unit. We then proceeded along the western side of the facility to observe where the spilled material entered the unnamed tributary to Five Mile Creek. Near the southwest corner of the facility, we observed an oil/water separator (**Photos 24 and 25**) that appeared to be abandoned in place when Arcadia Refinery, the previous occupant, closed down. There appeared to be oily material still in the unit. No emissions were observed, with the FLIR® IR camera, coming from the oil/water separator. After investigating some discharges of water from two (2), approximately twelve inch diameter pipelines (see Juan Ibarra's CWA inspection report for information on these) we returned to the office to conduct the close-out meeting. Issues found during the inspection are discussed in Sections III and IV, below.

July 25, 2007

Mr. Robertson and I returned to Lisbon on July 25, 2007 to conduct a follow-up inspection. Upon entry into the facility we went to the office to inform Mr. Huff that we were onsite and would like to conduct a visual inspection. Mr. Huff stayed in the office, but allowed us access to the entire facility. According to Mr. Huff, no material has left the facility since the July 5, 2007 inspection. Mr. Robertson and I walked around the perimeter of the facility and observed that Altec Environmental, Lisbon's environmental contractor, had placed suma® canisters around the facility (one in the northeast corner of the facility, one in the northwest corner of the facility and one in the southwest corner of the facility) to measure concentrations of VOCs in the air. According to Mr. Don Huckabee, Altec Environmental, only once have VOCs been detected at concentrations above the permissible limit from the suma® canisters. Mr. Robertson and I requested suma® canister results and LEL readings from Mr. Huckabee. I used the FLIR® IR camera to observe the storage tanks. Tanks A1, B2, C3, D4 and F6 were still leaking (**Videos 9 – 15**). The manway hatch on tank B2 appeared to be closed during this follow-up inspection, however, it appeared that only three (3) bolts were used to secure the cover in place. The hatch was still leaking during this inspection. The tank storing the spent caustic did not appear to be leaking during this site visit. Tanks J10 and L12 which were not leaking during the original inspection on July 5, 2007 appeared to be leaking (**Videos 16 – 18**).

Mr. Robertson and I observed that the 12-inch diameter pipelines were no longer discharging water and the berm, where the spill broke through, around tanks H8, I9 and J10 had been repaired and appeared to be in good condition. The oil/water separator was in similar condition as it was during the July 5, 2007 inspection. Mr. Robertson and I concluded our inspection and departed the Lisbon facility.

V. Potential to Emit Major Pollutants:

The following information was obtained from the Annual Emission Rates page from the Minor Source Air Permit application, dated June 12, 2007, which is provided as **Attachment D**.

NO_x: N/A
VOC: 89.779 tons/year
SO_2: N/A
PM_{10}: N/A
CO: N/A
Lead: N/A
$PM_{2.5}$: N/A

VI. Maps of Facility

The facility is located at 18647 Highway 2, Claiborne Parish, Lisbon, Louisiana approximately four miles east of Lisbon, Louisiana. A facility plot plan is provided as **Attachment E**.

VII. Addresses for Correspondence and Agents for Service

All further correspondence should be sent to the following:

Mr. James Ballengee
P.O. Box 86
Winnsboro, TX 75494
Office: (903) 342-1300
Cell: (318) 469-3084

V. Process Units Inspected

The desulphurization process is the only process located at the Lisbon facility. This process was inspected during the July 5, 2007 inspection. A FLIR® IR camera was used to find leaking components throughout the facility, no leaks were observed on the desulphurization process skid at the time of the inspection.

Section (II)

I. Documents Requested

Documents requested at the time of the inspection will be discussed under the appropriate regulatory citation in the Compliance with Federal Regulations portion of Section III, below.

II. Applicable Regulations and Construction Dates

All source identification and unit specific information and applicable regulations for Minor Source administrative requirements are usually contained in a Minor Source Air Permit required by the state of Louisiana. However, at the time of the inspection, the Lisbon facility had applied for but not received a Minor Source Air Permit.

Section (III)

Compliance with Federal Regulations pertaining to the Lisbon facility is discussed below. No previous or pending enforcement actions were issued or resolved.

I. Compliance with Federal Regulations

40 CFR Part 60, Subpart A – General Provisions. According to 60.7(a)(3), the facility must submit "a notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date."

Limited records were available at the facility during the inspection. A Notification of the Actual Date of Initial Startup was not among these records. I searched the Electronic Data Management System (EDMS) on the LDEQ website and was unable to find this notification. It appears that Lisbon is out of compliance with 60.7(a)(3).

40 CFR Part 60, Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction or Modification Commenced After June 11, 1973, and Prior to May 19, 1978. Tanks A1, H8 and I9 are subject to this subpart. Each of the tanks is a fixed roof tank with an internal floating roof equipped with double seals (one above the other).

According to 60.112(a)(2), "The owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follow." "If the true vapor pressure of the petroleum liquid as stored is greater than 11.1 pounds per square inch by area (psia), the storage vessel shall be equipped with a vapor recovery system or its equivalent."

According to shipping manifests (Attachment F) for the petroleum byproduct shipped from Louis Dreyfus, the true vapor pressure of the material was approximately 13.50 to 15.00 psia. Each onsite storage tank is equipped with an internal floating roof with double seals. It appears that Lisbon is out of compliance with 60.112(a)(2).

40 CFR Part 60, Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction or Modification Commenced After July 23, 1984. Tanks B2, C3, D4, F6 and

G7 are subject to this subpart. Each of the tanks is a fixed roof tank with an internal floating roof with double seals (one above the other).

According to 60.112b(b), "the owner or operator of each storage vessel with a design capacity greater than or equal to 75 m^3 which contains a VOL that, as stored, has a maximum true vapor pressure greater than or equal to 76.6 kPa (11.109 psia) shall equip each storage vessel with one of the following:

1.) A closed vent system and control device as specified in 60.112b(a)(3).
2.) A system equivalent to that described in paragraph (b)(1) as provided in 60.114b of this subpart."

According to shipping manifests (Attachment F) for the petroleum byproduct shipped from Louis Dreyfus, the true vapor pressure of the material was approximately 13.50 to 15.00 psia. Each onsite storage tank is equipped with an internal floating roof with double seals. It appears that Lisbon is out of compliance with 60.112b(b).

According to 60.113b(c), "the owner or operator of each source that is equipped with a closed vent system and control device as required in 60.112b(a)(3) or (b)(2) (other than a flare) is exempt from 60.8 of the General Provisions and shall meet the following requirements.

1.) Submit for approval by the Administrator as an attachment to the notification required by 60.7(a)(1) or, if the facility is exempt from 60.7(a)(1), as an attachment to the notification required by 60.7(a)(2), an operating plan containing the information" listed in 60.113(c)(i) and (ii).

Per 60.112b(b) the storage tanks at Lisbon are required to be equipped with closed vent systems and control devices which in turn requires them to comply with 60.113b(c). Lisbon personnel did not submit an operating plan containing the information listed in 60.113(c)(i) and (ii). It appears that Lisbon is out of compliance with 60.113b(c)(1).

2.) "Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with paragraph (c)(1) of this section..."

Since the storage tanks are equipped with improper controls, per 60.112b(b), and no operating plan was submitted to the Administrator, per 60.113b(c)(1), it is not possible for the Lisbon facility to comply with 60.113b(c)(2). Therefore it appears that Lisbon is out of compliance with 60.113b(c)(2).

NOTE: If Lisbon were to choose the option of installing a control device and a flare they would be subject to the requirements of 60.113b(d) and so being, they would be out of compliance with 60.113b(d).

According to 60.115b(c), "after installing control equipment in accordance with 60.112b(a)(3) or (b)(1) (closed vent system and control device other than a flare), the owner or operator shall keep the following records.

1.) A copy of the operating plan.
2.) A record of the measured values of the parameters monitored in accordance with 60.113b(c)(2)."

Since the control equipment described above has not been installed at the Lisbon facility it is not possible for Lisbon to comply with the requirements of 60.115b(c)(1) and (2). Therefore it would appear that Lisbon is out of compliance with 60.115b(c)(1) and (2).

NOTE: If Lisbon were to choose the option of installing a control device and a flare they would be subject to the requirements of 60.115b(d) and so being, they would be out of compliance with 60.115b(d)(1), (2) and (3).

According to 60.116b(b), "The owner or operator of each storage vessel as specified in 60.110b(a) shall keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel."

Records showing compliance with this paragraph are provided as **Attachment G.**

According to 60.116b(c), "...the owner or operator of each storage vessel with a design capacity greater than or equal to 151m^3 (39,889.98 gallons) storing a liquid with a true vapor pressure greater than or equal to 3.5 kPa (0.508 psia) shall maintain a record of the VOL stored, the period of storage and the maximum true vapor pressure of that VOL during the respective storage period."

The only records maintained onsite pertaining to the contents of the storage tanks are provided as **Attachment H.** ***However, these records do not provide period of storage and maximum true vapor pressure of the VOL. It appears that Lisbon is out of compliance with 60.116b(c).***

Section (IV)

SUMMARY OF FINDINGS

This section presents a summary of areas of concern[a] identified by EPA during the investigation of the Lisbon facility located in Lisbon, Louisiana.

AREAS OF CONCERN

1. Inspectors observed three (3) manway hatches on storage tanks opened during the facility inspection. Only one of the tanks was being worked on at the time these hatches were observed open. While not a violation, it's a good work, health and safety practice to close the vents completely (i.e., by securing all bolts) when they are not in use.

2. Lisbon's Loading and Unloading Spreadsheets (**Attachment C**) show that the first load of material was received at the facility on May 23, 2007, however, material was first shipped from the facility on April 1, 2007. It appears that Lisbon may have been operational prior to the March 23, 2007 startup date, provided by Mr. Huff.

3. Lisbon may not have applied for an air permit prior to commencing operations at the facility.

4. Lisbon's loading and unloading log entries stop on June 22, 2007 and June 23, 2007, respectively. While not necessarily a violation, poor documentation or recordkeeping practices could lead to violations and other potential issues.

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[a] *Areas of concern are inspection observations of potential problems or activities that could impact the environment, result in future noncompliance with permit or regulatory requirements, and/or are areas associated with pollution prevention.*

ATTACHMENT SUMMARY

Attachment A
- MSDS for "Natural Gasoline"

Attachment B
- Photograph Log

Attachment C
- Loading and Unloading Spreadsheet

Attachment D
- Minor Source Air Permit Application

Attachment E
- Facility Plot Plans

Attachment F
- Shipping Manifests

Attachment G
- Tank Dimensions and Capacity Records

Attachment H
- Daily Storage Tank Measurements

Attachment A

3

ATTACHMENT A

LouisDreyfus

Material Safety Data Sheet

NATURAL GASOLINE

MSDS Date: October 5, 2001

MSDS Revised On: June 30, 2005

Louis Dreyfus Olefins LLC
P.O. Box 479
Geismar, Louisiana 70734

PHONE NUMBERS:
CHEMTREC: (800) 424-9300
Louis Dreyfus Olefins LLC: (225) 677-9399

A. Product Identification

Synonyms:	Natural Gasoline Liquids
Chemical Name:	Natural Gasoline
Chemical Family:	Hydrocarbon mixture
Chemical Formula:	Mixture
CAS Reg. No.:	Mixture

Product and/or Components Entered on EPA's TSCA Inventory: YES

This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable provisions and restrictions of 40 CFR, section 721 and 723.250.

B. Components

Ingredients	CAS Number	% By Wt.	OSHA PEL	ACGIH TLV
Isopentane	78-78-4	<90	NE	NE
n-Pentane	109-66-0	<90	1000 ppm	600 ppm
1-Pentene	109-67-1	<90	NE	NE
n-Hexane	110-54-3	<90	500 ppm	50 ppm
cis-2-butene	590-18-1	< 5	NE	NE
2-methyl-1-butene	563-46-2	< 5	NE	NE
Ethyl Mercaptan	75-08-1	<0.2	10 ppm(c)	0.5 ppm
Butyl Mercaptan	109-79-5	<0.1	10 ppm(c)	0.5 ppm
Benzene	71-43-2	<0.5	1 ppm	0.5 ppm

*For Hexane isomers
(c) = ceiling value
Normal composition ranges are shown.

C. Personal Protection Information

Respiratory Protection:	Utilize NIOSH approved half face or full face respirator with organic vapor cartridges, supplied air, or self-contained breathing apparatus. Consult with an Industrial Hygienist before determining which respirators to use. Respirators must be utilized in compliance with OSHA regulations 29CFR1910.134 and 29CFR1910.1028.
Ventilation:	Use explosion-proof ventilation equipment. Utilize local exhaust to control vapors. Do not rely on general exhaust.
Protective Gloves:	Polyvinyl alcohol, North Silver Shield, Ansell Edmont 4H, or viton gloves are recommended.
Eye Protection:	Chemical goggles and face shield.
Other Protective Equipment:	Wear additional protective clothing as required to prevent skin contact. This may include chemical aprons, chemical resistant boots, and chemical resistant suits. Safety shower and eyewash are necessary in work area.
Work Practices:	Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove contaminated clothing and launder before reuse. Shower after work using plenty of soap and water.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

D. Handling and Storage Precautions

DANGER! Extremely Flammable:

Keep away from heat, sparks, and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool, dry place. Use adequate explosion-proof ventilation to prevent accumulation of static charge. When pouring or transferring materials, containers must be bonded and grounded.

DO NOT weld, heat, or drill on or near full or empty containers. Empty containers can contain explosive vapors.

Do not breath vapors or mist. Minimize skin contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles, including shoes that cannot be decontaminated.

E. Reactivity Data

Stability:	Stable
Incompatibility (Materials to Avoid):	Oxygen and strong oxidizing agents
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	Not Applicable
Hazardous Decomposition Products:	Carbon oxides and various hydrocarbons formed when burned.

F. Health Hazard Data

Health Hazard Data for Benzene

OSHA	PEL:	1 ppm	STEL:	5 ppm
ACGIH	TLV:	0.5 ppm	STEL:	2.5 ppm
NIOSH	IDLH:	500 ppm		

Eye:	88 mg MODERATE (rabbit)		AMIHAB 14, 387, 56 (3)
	2 mg/24H SEVERE (rabbit)		28ZPAK –, 23, 72 (4)
Skin:	15 mg/24 H open MILD (rabbit)		AIHAAP 23, 95. 62 (1)
	20 mg/24 H MODERATE (rabbit)		85JCAE -, 25, 86 (2)
Inhalation:	LCLo:	20,000 ppm/5 M (human)	29ZUA8 -, -, 53 (31)
	LCLo:	65 mg/m3/5 Y (human)	ARGEAR 44, 145, 74 (34)
	LC50:	10,000 ppm/7 H (rat)	28ZRAQ -, 113, 60 (36)
Oral:	LDLo:	50 mg/kg (human)	YAKUD5 22, 883, 80 (30)
	LD50:	3306 mg/kg (rat)	TXAPA9 19, 699, 71 (35)

Benzene is a confirmed human carcinogen. It can cause myeloid leukemia, Hodgkins disease, and lymphomas via the inhalation route. Benzene is also a suspected reproductive hazard and teratogen.

Carcinogenicity listed by: NTP: Yes IARC: Yes OSHA: Yes

Acute Effects of Overexposure for Other Components

Eye: Exposure to the liquid or prolonged exposure to high vapor concentrations may cause mild irritation.
Skin: Prolonged or repeated contact with the liquid may cause defatting resulting in drying, redness, cracking and scaling of the skin. Prolonged exposure to high vapor concentrations may cause mild irritation of mucous membranes. Can be absorbed through skin in harmful amounts. Dermal LD50 for n-Hexane > 2 g/kg (rabbit).
Inhalation: Exposure to high vapor concentrations may cause dizziness, disorientation, headache, excitation, drowsiness, incoordination, anesthesia and respiratory and cardiac depression. Extreme exposure may cause further CNS depression, unconsciousness and death. Vapors may be mildly irritating to lungs. Inhalation LC50 for n-Hexane > 3367 ppm (rat).
Ingestion: If swallowed, may be aspirated resulting in inflammation and possible fluid accumulation in the lungs. Oral LD50 for n-Hexane > 5 g/kg (rat).

Subchronic and Chronic Effects of Overexposure From Other Components
Chronic high level n-hexane exposure damages the nervous system initially producing a lack of feeling in the extremities and possibly progressing to a more severe nerve damage. Inhalation of high levels (1000 and 5000 ppm) of n-hexane has produced testicular damage in rats. Mice exposed to the same dose levels showed no testicular effects.

Other Health Effects:
2-Methylpentane has produced kidney damage in male rats only in subchronic oral laboratory studies. No comparable kidney injury has been reported in humans. When 2-methylpentane was given to rats orally for eight days, it impaired the function of the peripheral nerves. However, the severity of the effect was less than that of n-hexane, a known neurotoxicant. Isopentane did not produce kidney damage in a subchronic oral laboratory study or in a subchronic inhalation exposure to 4500 ppm and 1000 ppm of a 50/50 mixture of isobutane and isopentane.

Health Hazard Categories:

	Animal	Human
Known Carcinogen	___	X
Suspect Carcinogen	___	X
Mutagen	X	___
Teratogen	X	___
Allergic Sensitizer	X	___
Highly Toxic	___	___

	Animal	Human
Toxic	___	___
Corrosive	___	___
Irritant	___	___
Target Organ Toxin	X	X

Specify - Lung - Simple Asphyxiant
Nervous System Toxin; Kidney Toxin

First Aid and Emergency Procedures:

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Hold eyes open while flushing out with water. Seek medical attention immediately.

Skin Contact: Immediately remove contaminated clothing and shoes. Flush skin with water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse contaminated clothing without laundering. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration. Seek medical attention immediately.

Ingestion: **DO NOT** induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Seek medical attention immediately.

G. Physical Data

Appearance:	Colorless liquid
Odor:	Gasoline-like odor, rotten egg
Boiling Point:	95 – 147 F (34.4 – 63.9 C)
Vapor Pressure:	10-15 psia at 70 F (21 C)
Vapor Density (Air = 1):	3-4
Solubility in Water:	Negligible
Specific Gravity (H2O = 1):	0.652 @ 60/60 F (15.6/15.6 C)
Percent Volatile by Volume:	100
Evaporation Rate (Ethyl Ether = 1):	>1
Viscosity:	Approximately 0.30 cP @68 F (20 C)

H. Fire and Explosion Data

Flash Point (Method Used):	< 140 F	Estimated	
Flammable Limits (% by Volume in Air):	LEL – 1.1	UEL – 8.7	(Literature Values)

Extinguishing Media: Water, Dry Chemical, "Alcohol" Foam, Carbon Dioxide

Firefighting Procedures: Firefighters should wear NIOSH approved self-contained breathing apparatus and appropriate protective clothing to prevent contact. Cool exposed containers with water.

Unusual Fire and Explosion Information: Do not use direct stream of water to fight fire. Benzene will float and can be re-ignited on the surface. Containers can build up pressure if subjected to heat of the fire and may explode. Flashback hazard – vapors are heavier than air and can collect in low areas forming an explosive benzene and air mixture.

Environmental Note: Prevent product from getting into sewers or surface waters.

I. Spill, Leak and Disposal Procedures

Isolate the hazard area and deny entry to nonessential personnel. Emergency responders and/or clean-up personnel should wear appropriate protective clothing and equipment when responding. Remove all ignition sources. A vapor suppressing foam may be used to reduce vapors. Prevent from entering sewers or surface waters. Collect liquid in containers and seal shut. Absorb remaining material with a noncombustible absorbent such as earth, sand, or vermiculite and collect for disposal.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate or otherwise manage in a RCRA permitted waste disposal facility.

J. DOT Transportation

Shipping Name: Flammable Liquids
Hazard Class: 3 (Flammable Liquid)
ID Number: UN 1993
Packing Group: I
Marking: Flammable Liquids, n.o.s., UN 1993
Label: Flammable
Placard: Flammable/1993
Hazardous Substance/RQ: Benzene 10 lbs
Shipping Description: Flammable Liquids (Natural Gasoline), n.o.s., 3, UN1993, PG I, RQ (benzene)
Packaging References: 49 CFR 173.304, 173.120, 173.121, and 173.243

Enter "RQ" only if the hazardous substance is present in a quantity, in one package, which equals or exceeds the reportable quantity (RQ) shown for the hazardous substance.

K. RCRA Classification - Unadulterated Product as a Waste

Ignitable (D001), Characteristic for Benzene (D018)
Prior to disposal, consult your environmental contact to determine if TCLP (Toxicity Characteristic Leaching Procedure, EPA Test Method 1311) is required. Reference 40 CFR Part 261.

L. Protection Required for Work on Contaminated Equipment

Contact immediate supervisor for specific instructions before work is initiated. Wear protective equipment and/or garments described in Section C if exposure conditions warrant.

M. Hazard Classification

This product meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

___ Combustible Liquid	___ Flammable Aerosol	___ Oxidizer
___ Compressed Gas	___ Explosive	___ Pyrophoric
___ Flammable Gas	_X_ Health Hazard	___ Unstable
_X_ Flammable Liquid	___ Organic Peroxide	___ Water Reactive
___ Flammable Solid		

N. Additional Information

SARA 313
This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

n-hexane	CAS# 110-54-3
benzene	CAS# 71-43-2

Attachment B

ATTACHMENT B

Photo No.: 01 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of vacuum tanker truck that is removing contents from tank I9. Note: Tank I9 is the tank that leaked, causing loss of animal life at the facility in June 2007.

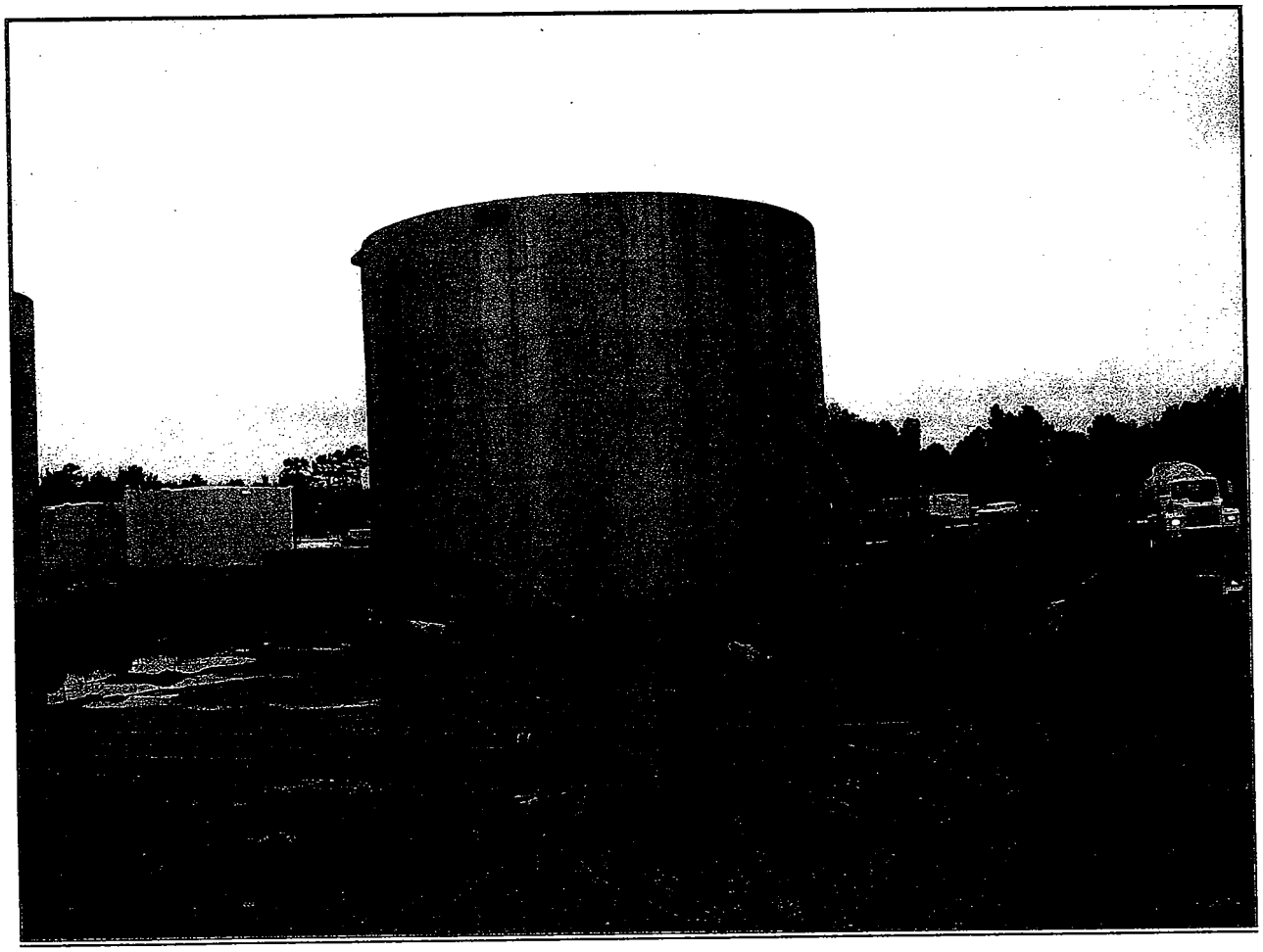

Photo No.: 02 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of tank K11. Note: This tank contains liquids from the June 2007 spill. Including product, stream water and debris.

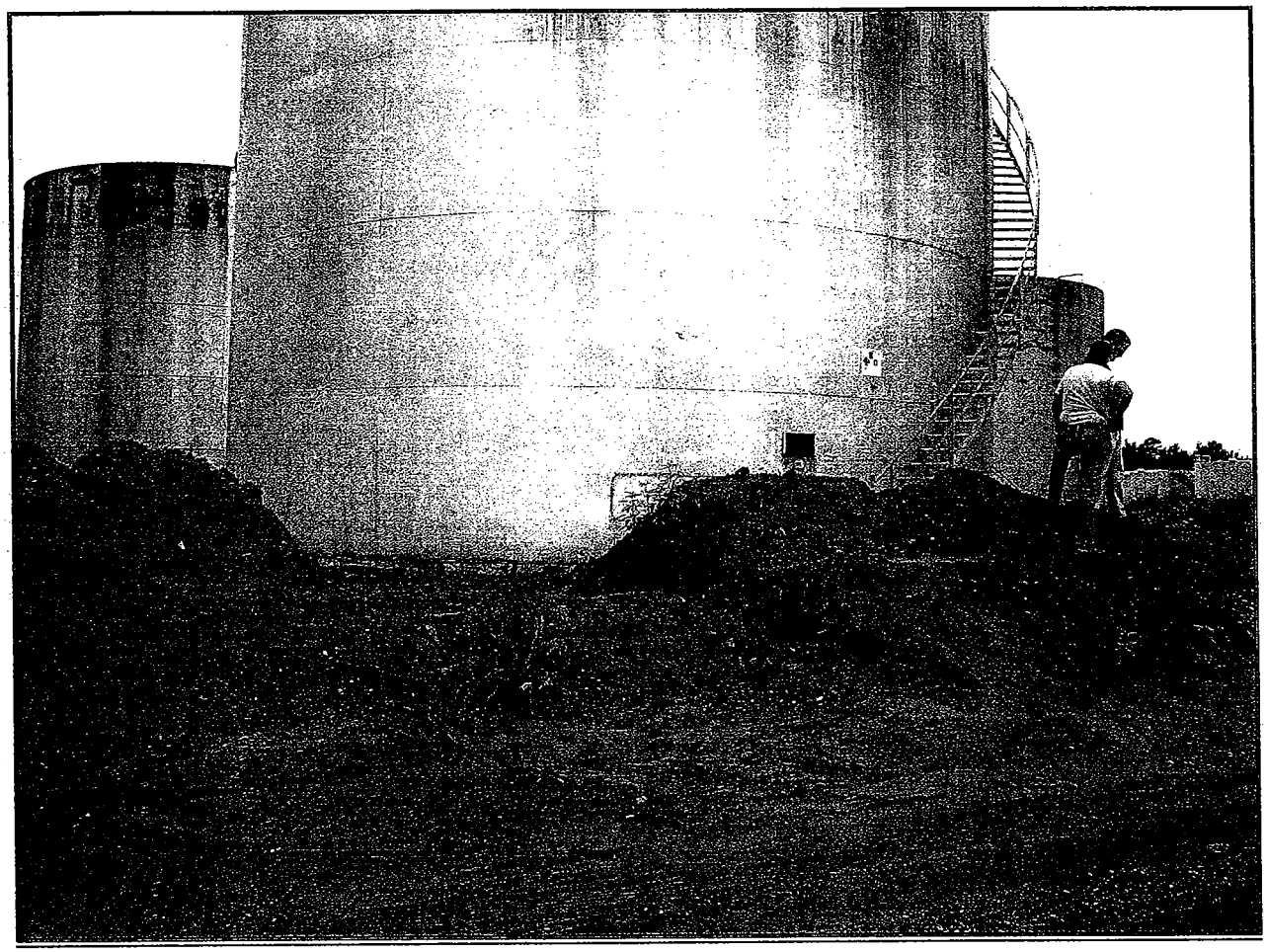

Photo No.: 03 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of tank L12. Note: The berm next to this tank was cut through to allow easier access for tanker trucks inside berm to aid in removal of material from storage tanks.

Photo No.: 04 **Facility Name**: Lisbon Processing **Date**: July 5, 2007

Photographer: D. Robertson

Description: View of tank I9 (right). Tanks J10 (background left) and L12 (foreground left) can also be observed in this photograph. Note: This tank is the one that leaked, causing the June 2007 spill into the unknown tributary of Five Mile Creek.

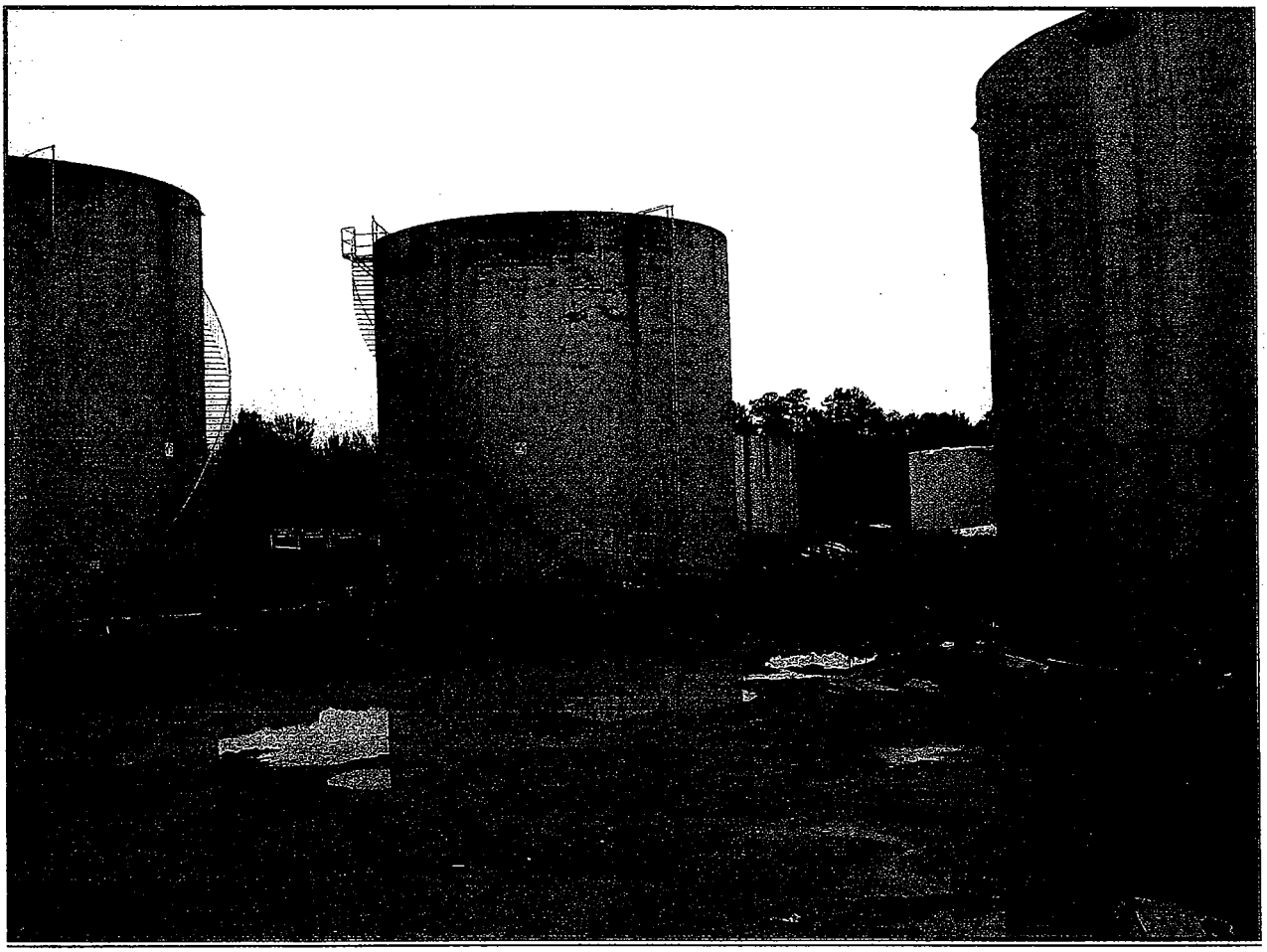

Photo No.: 05 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of tank H8 (center). Tanks I9 (left) and K11 (right) can also be observed in this photograph. (Note: This tank contains liquids from the June 2007 spill. Including product, stream water and debris.

Photo No.: 06 **Facility Name**: Lisbon Processing **Date**: July 5, 2007

Photographer: D. Robertson **Description**: View of green "Baker Box" containing spill residue from June 2007 spill. Note: Tank K11 is observable in the immediate background.

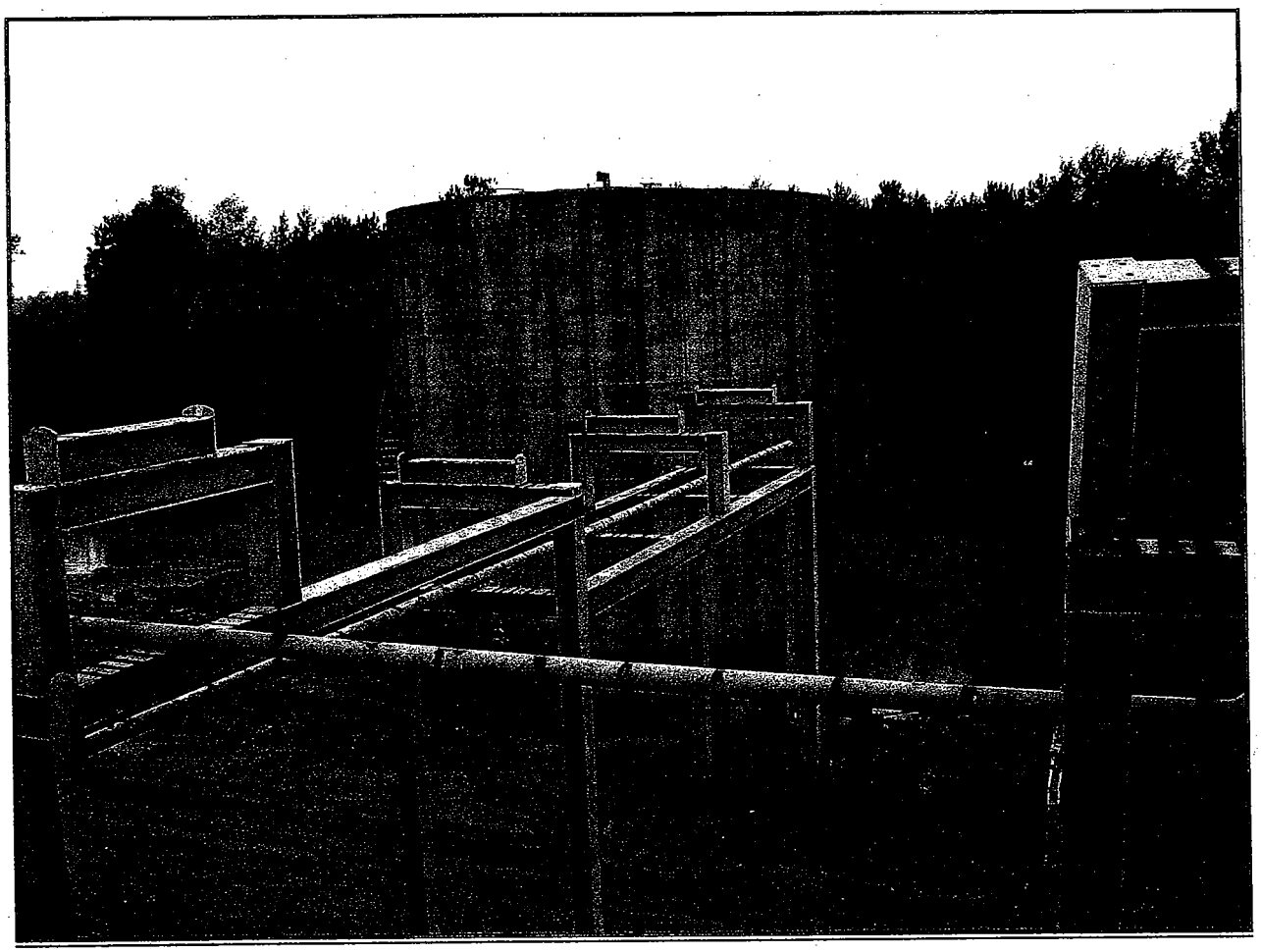

Photo No.: 07 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of tank G7 from on top of berm surrounding Tanks H8, I9 and J10. Note: Hatch in bottom right hand side of tank was open to the atmosphere during the inspection.

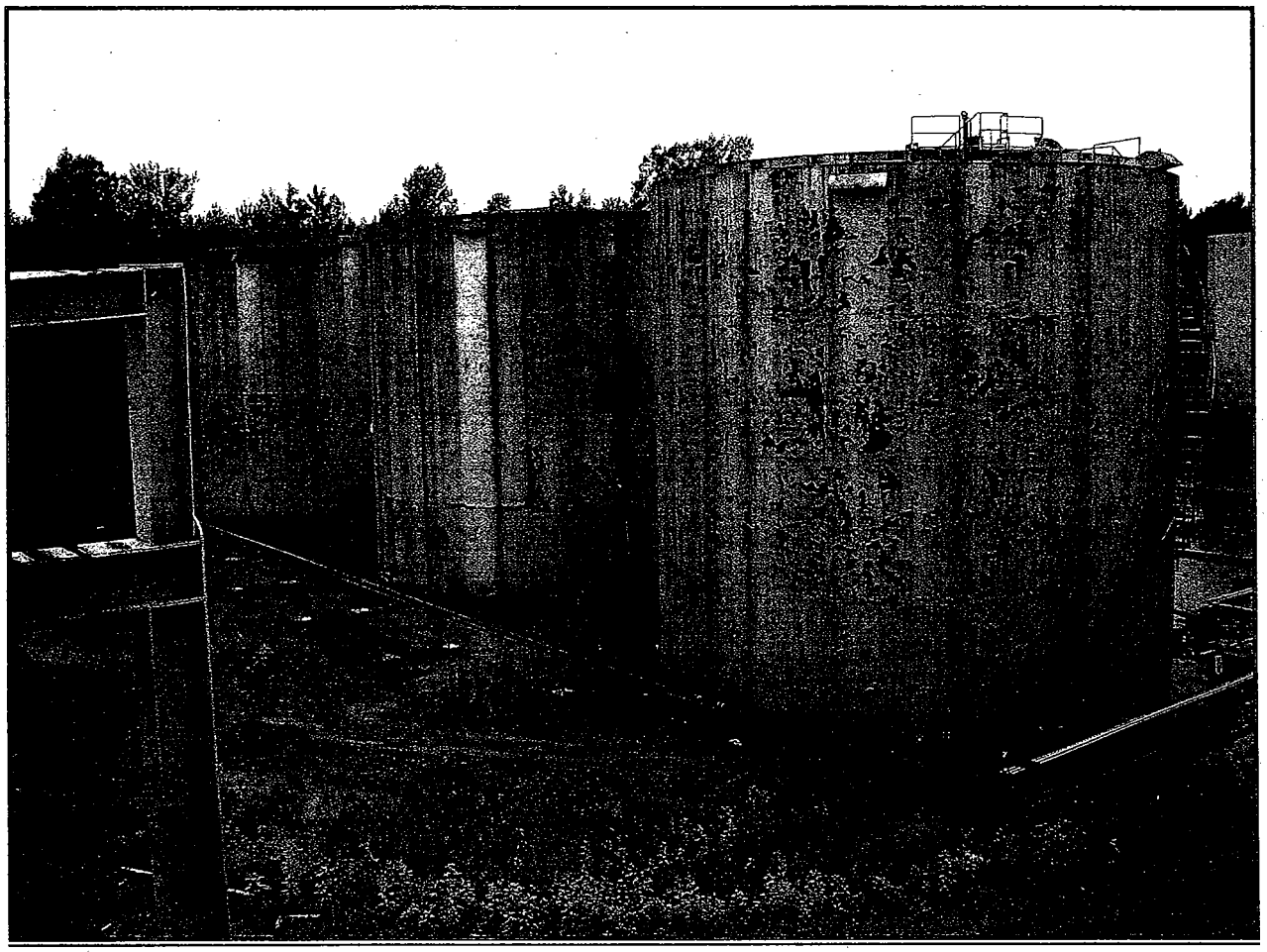

Photo No.: 08 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of tanks, from right to left, F6, E5 and D4.

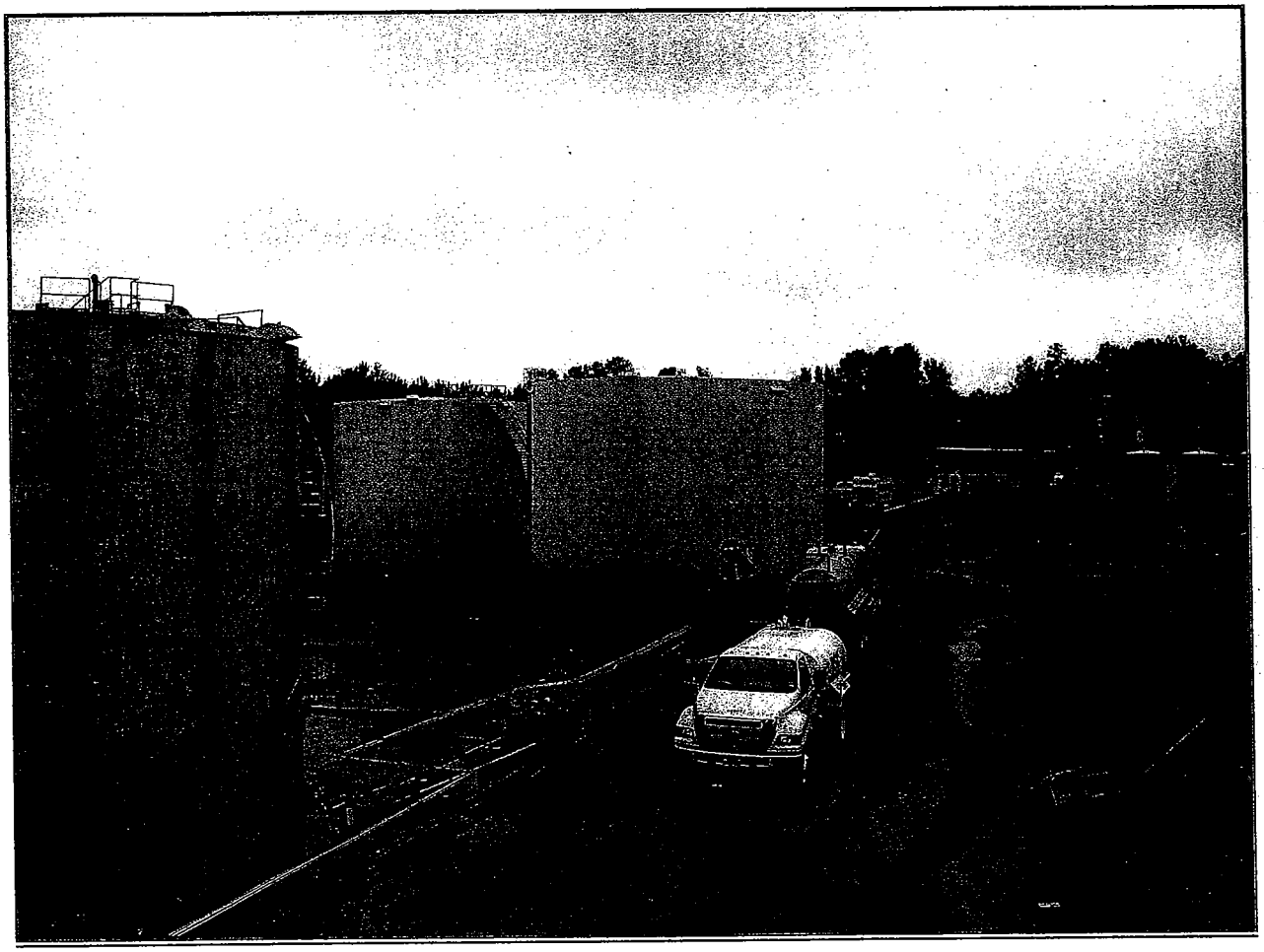

Photo No.: 09 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** Vacuum trucks used during cleanout of onsite storage tanks.

Photo No.: 10 **Facility Name**: Lisbon Processing **Date**: July 5, 2007

Photographer: D. Robertson

Description: Close-up view of hatch on tank G7. Note: Mr. Huff informed the inspectors that the black material on the ground outside of the hatch was rust material removed during the cleaning of the tank.

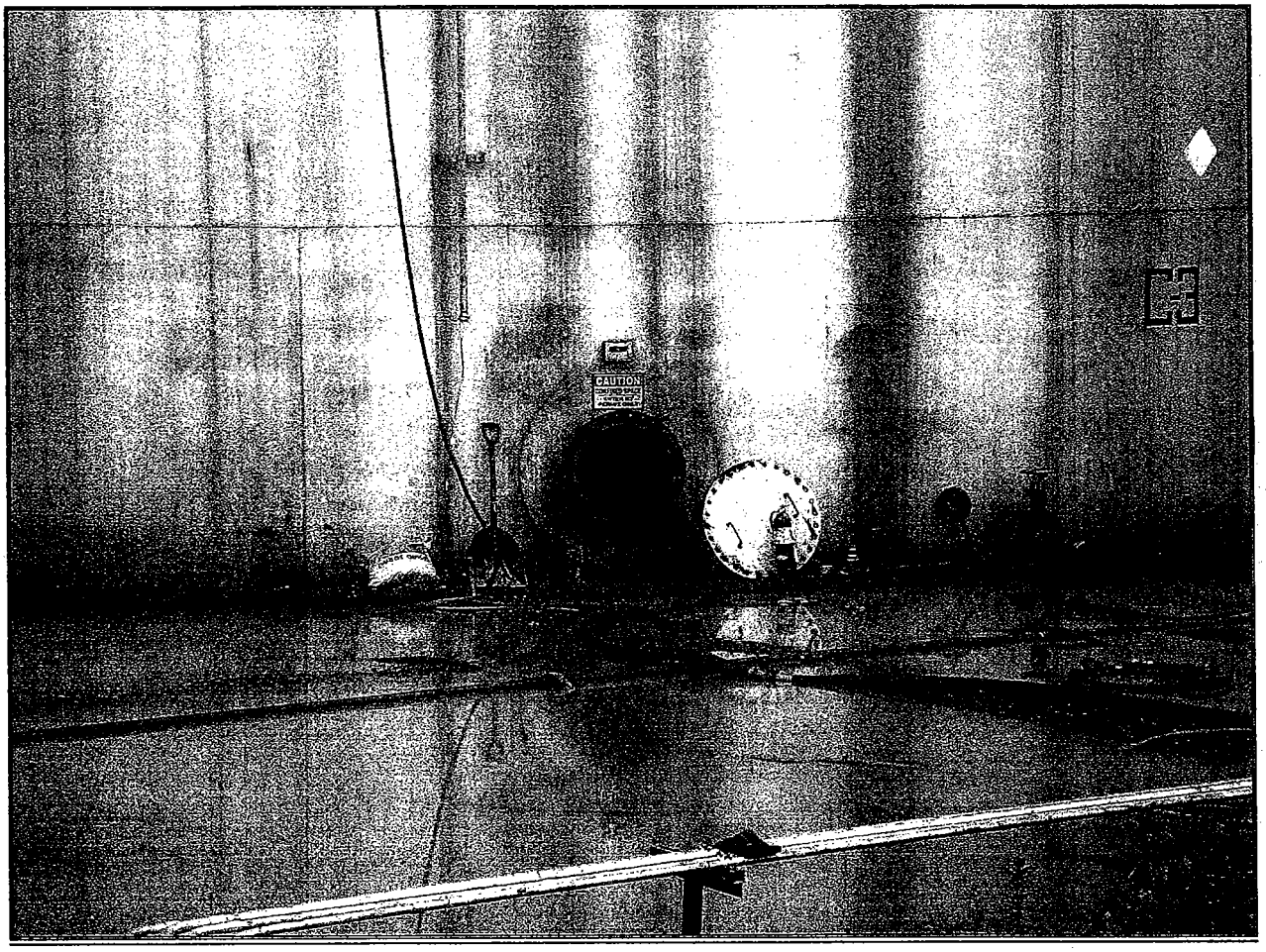

Photo No.: 11 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** Close-up view of hatch on tank C3. Note: Vacuum trucks in Photo 09 were being used to clean out this tank.

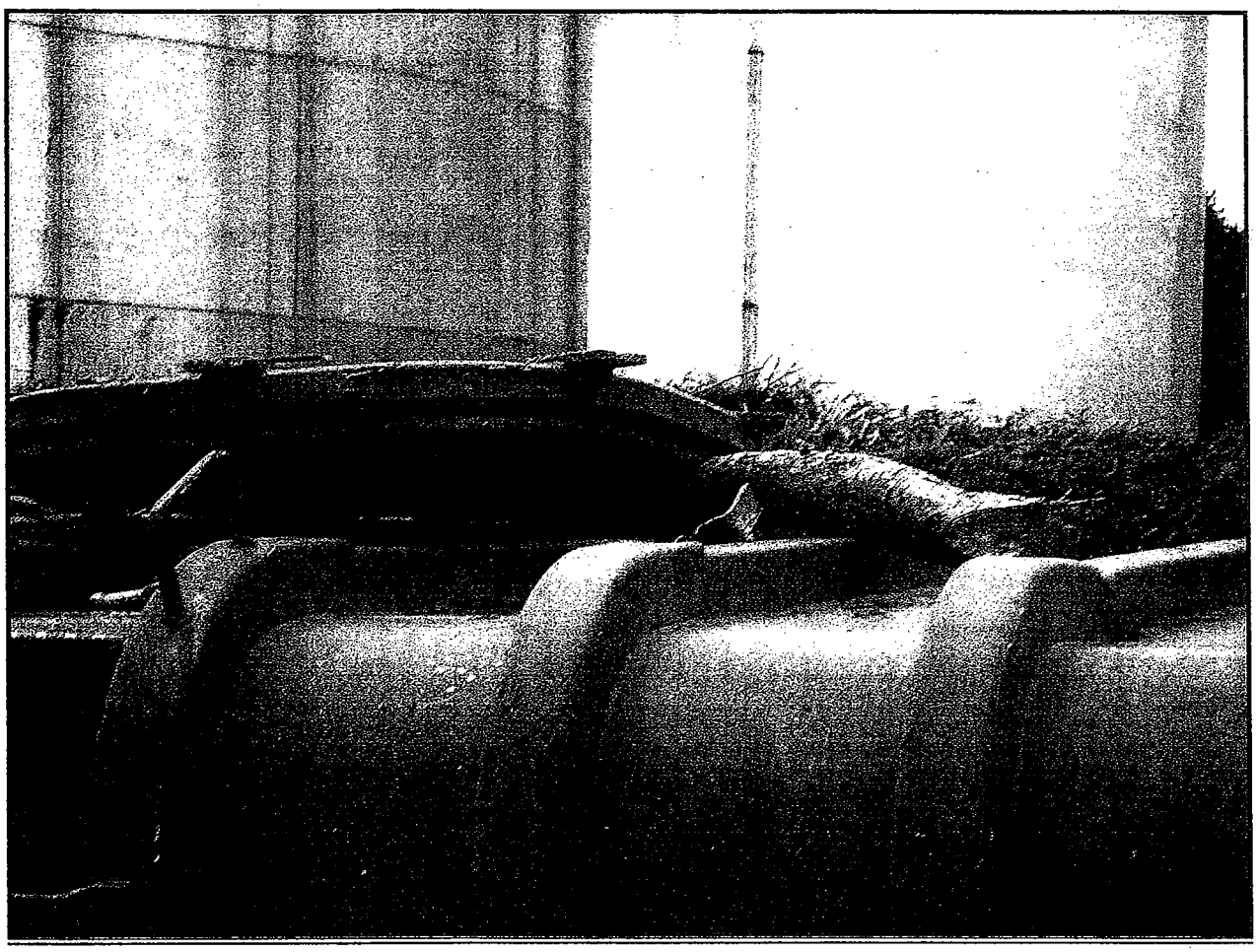

Photo No.: 12 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: Close-up view of "Baker Box" hatch being propped open with a tree branch. According to Mr. Huff, spill residue from June 2007 spill was stored within this vessel. Note: No emissions were observed, coming from the hatch, with the FLIR® IR camera.

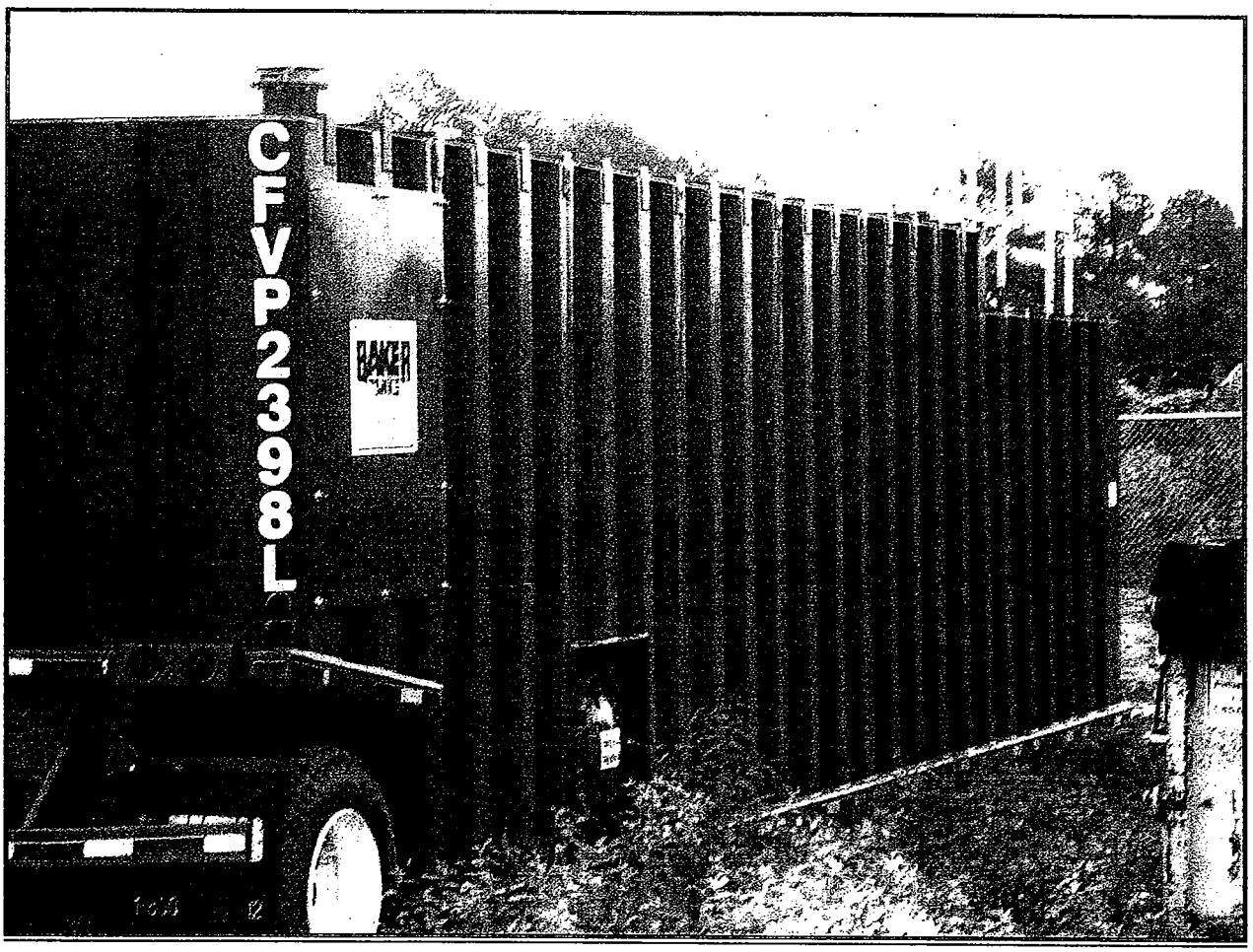

Photo No.: 13 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of frac tank in center portion of the facility. Note: According to Mr. Huff, this tank contained liquids from cleanout of storage tanks C3, D4, F6, H8, I9 and L12.

Photo No.: 14 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of four (4) frac tanks and part of a roll-off box containing spill residue and debris from the June 2007 spill. Note: The hatch cover for the shorter frac tank on the far end was open at the time of the inspection. I observed, with the FLIR® IR camera, fumes exiting the hatch using tank.

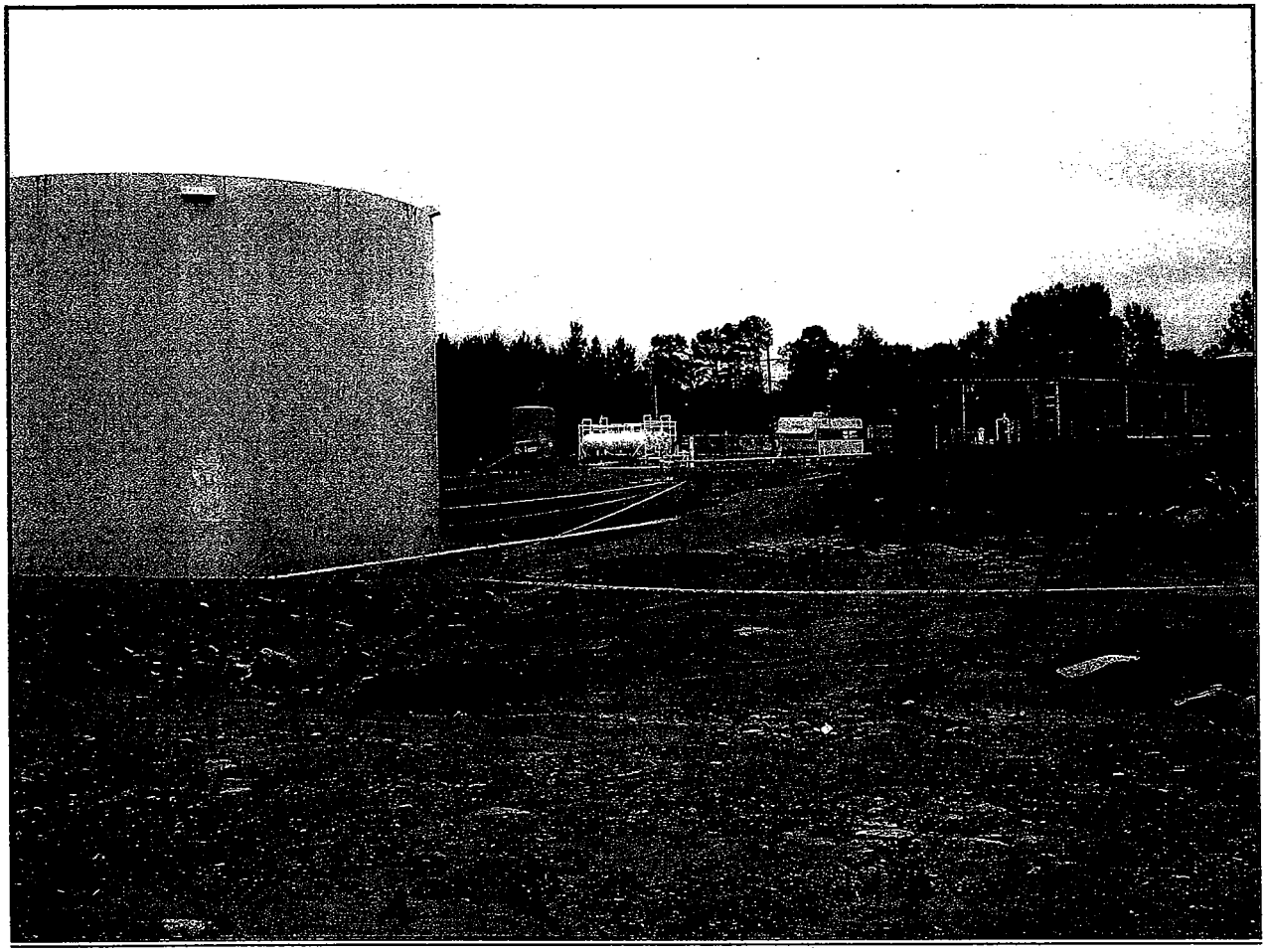

Photo No.: 15 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of tank B2. Note: Yellow caution tape was used to cordon off an area where the lower explosive limit (LEL) was exceeded. The hatch from Tank B2 was open at the time of the inspection and heavy fumes were observed, using the FLIR® IR camera, exiting the tank. The caustic wash processing unit (white) can be seen at the center of the photo in the background.

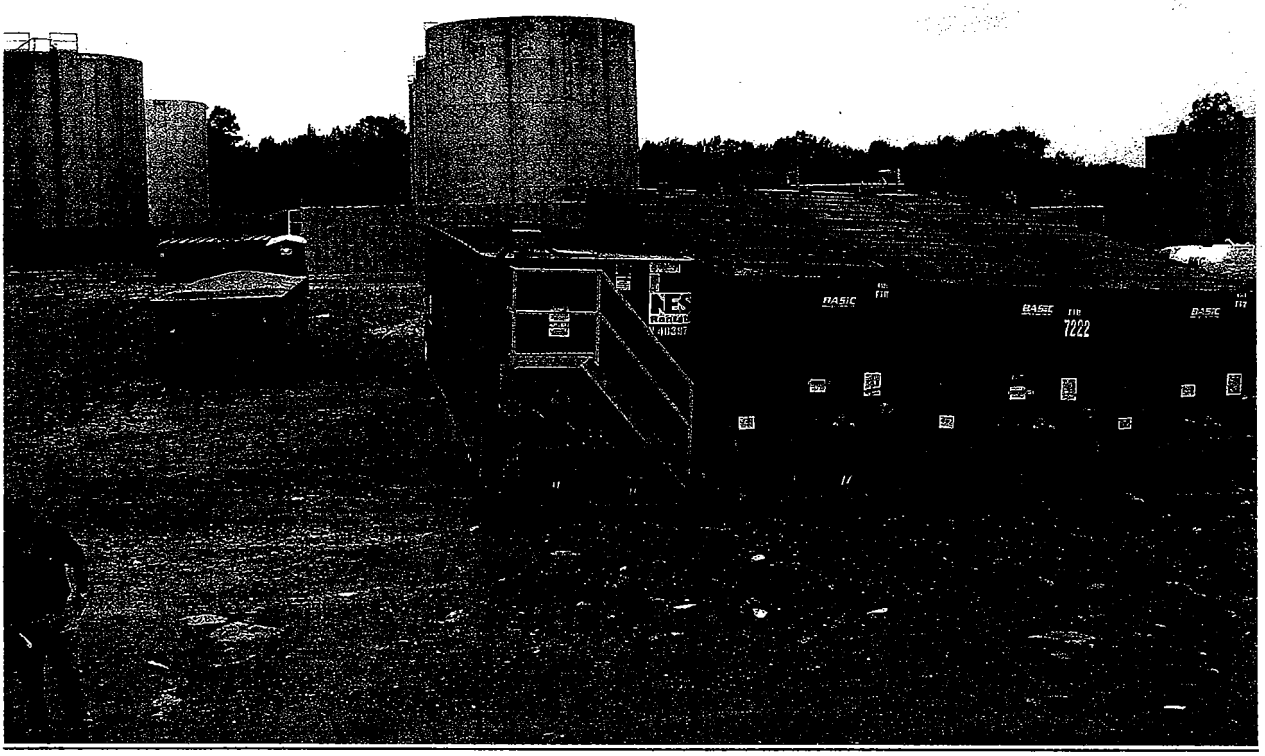

Photo No.: 16 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of frac tanks and roll-off boxes from Photo 14. Note: Vacuum truck tubing can be observed protruding from the open hatch on the left most frac tank, just above the yellow railing.

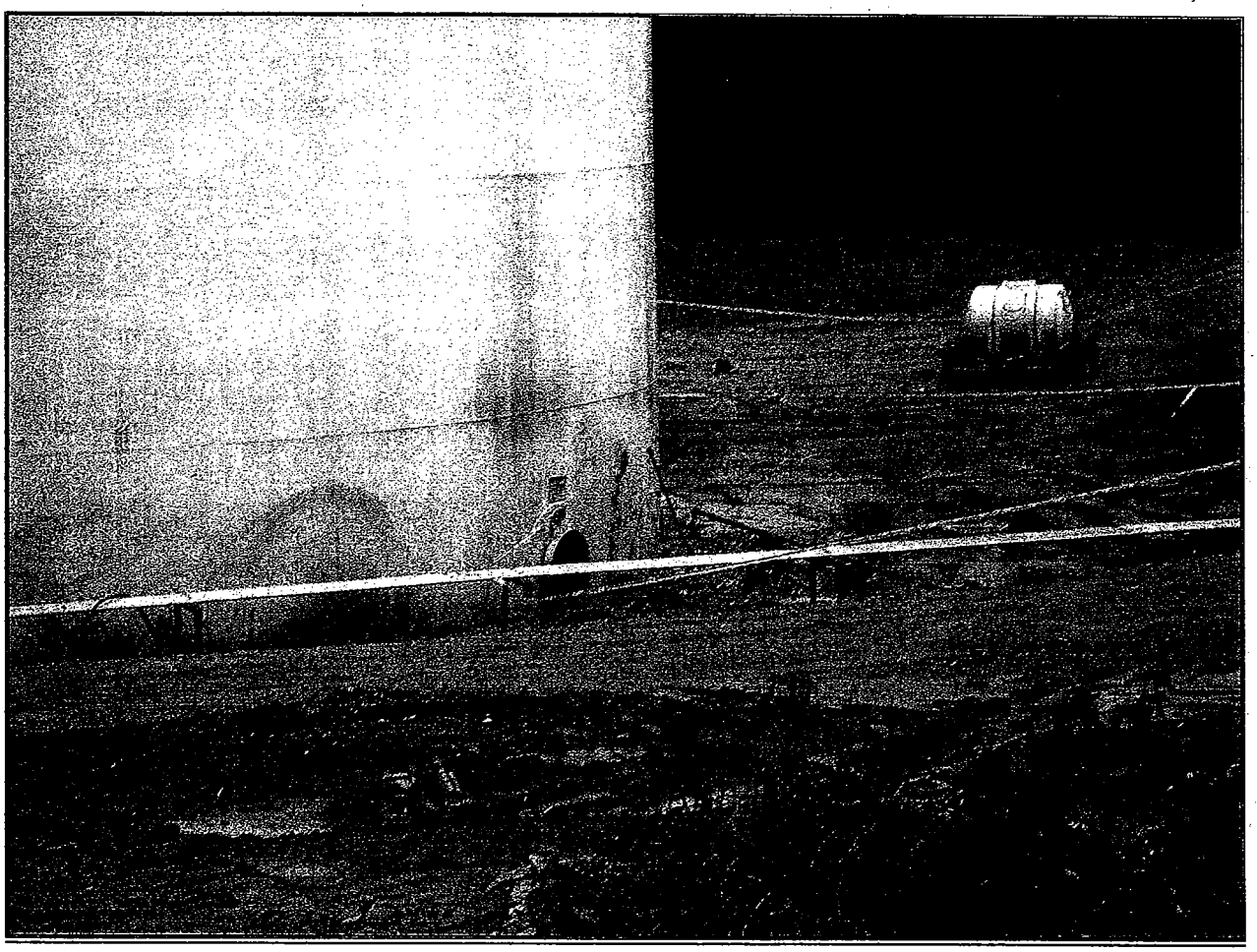

Photo No.: 17 **Facility Name**: Lisbon Processing **Date**: July 5, 2007

Photographer: D. Robertson

Description: View of open hatch on tank B2. Note: Yellow caution tape was used to cordon off area where LEL was exceeded. I observed, using the FLIR® IR camera, a large volume of fumes exiting the hatch.

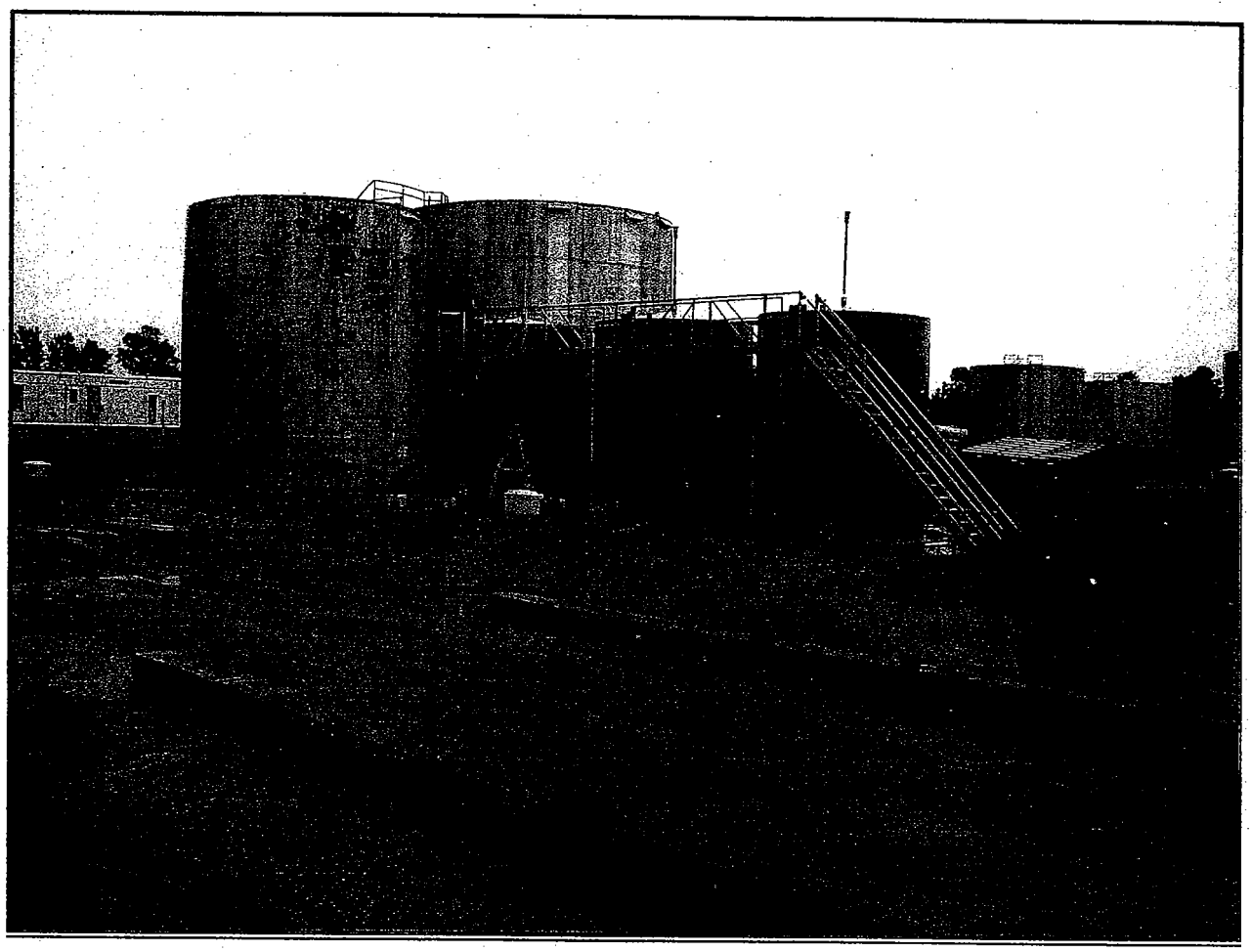

Photo No.: 18 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: Black tanks in foreground are used to store, from left to right, new caustic, spent caustic and water. The silver tanks in the background, from left to right, are N14 and M13. Both silver tanks were empty at the time of the inspection.

Photo No.: 19 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of loading and unloading area. Note: There are three (3) stalls in this area, the two most northern stalls are used to unload material into facility storage tanks. The southern most stall is used for loading material into tanker trucks.

Photo No.: 20 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View caustic wash processing unit. Note: According to Mr. Huff, this unit can process approximately 70 barrels of material an hour.

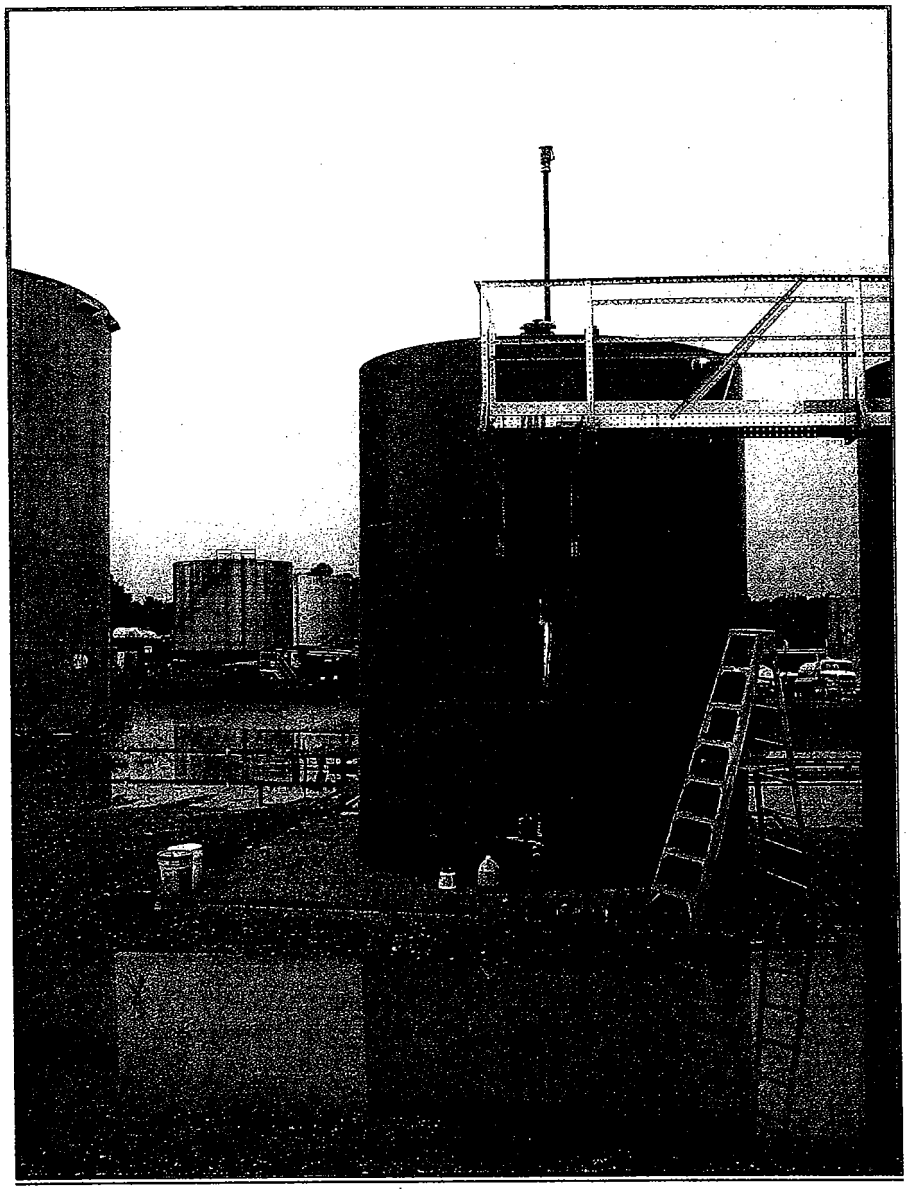

Photo No.: 21 **Facility Name**: Lisbon Processing **Date**: July 5, 2007

Photographer: D. Robertson **Description**: Close view of New Caustic storage tank. Note: I observed, with the FLIR® IR camera, fumes exiting the vent on top of the tank.

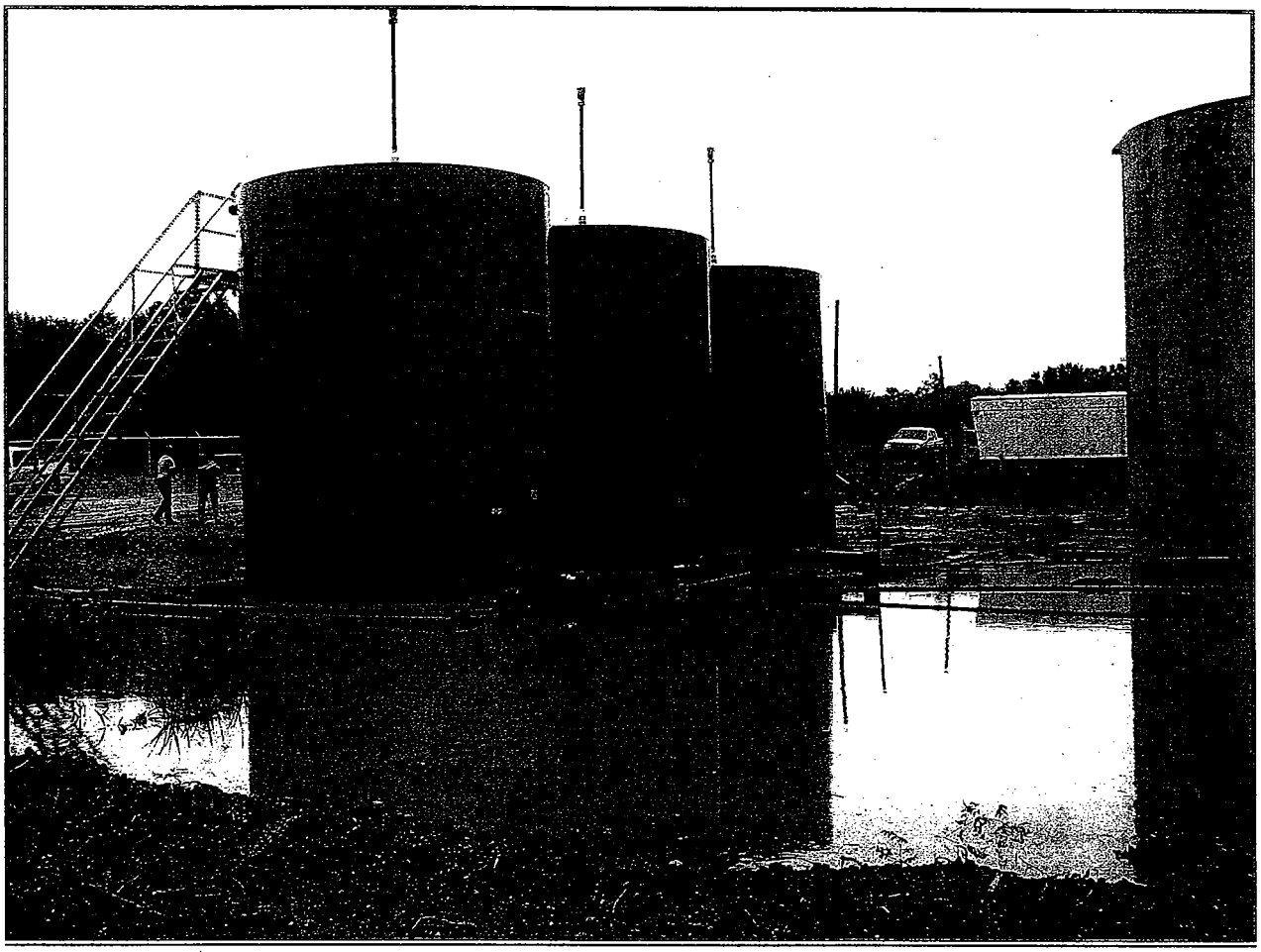

Photo No.: 22 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of, from left to right, water storage tanks, spent caustic storage tank and new caustic storage tank.

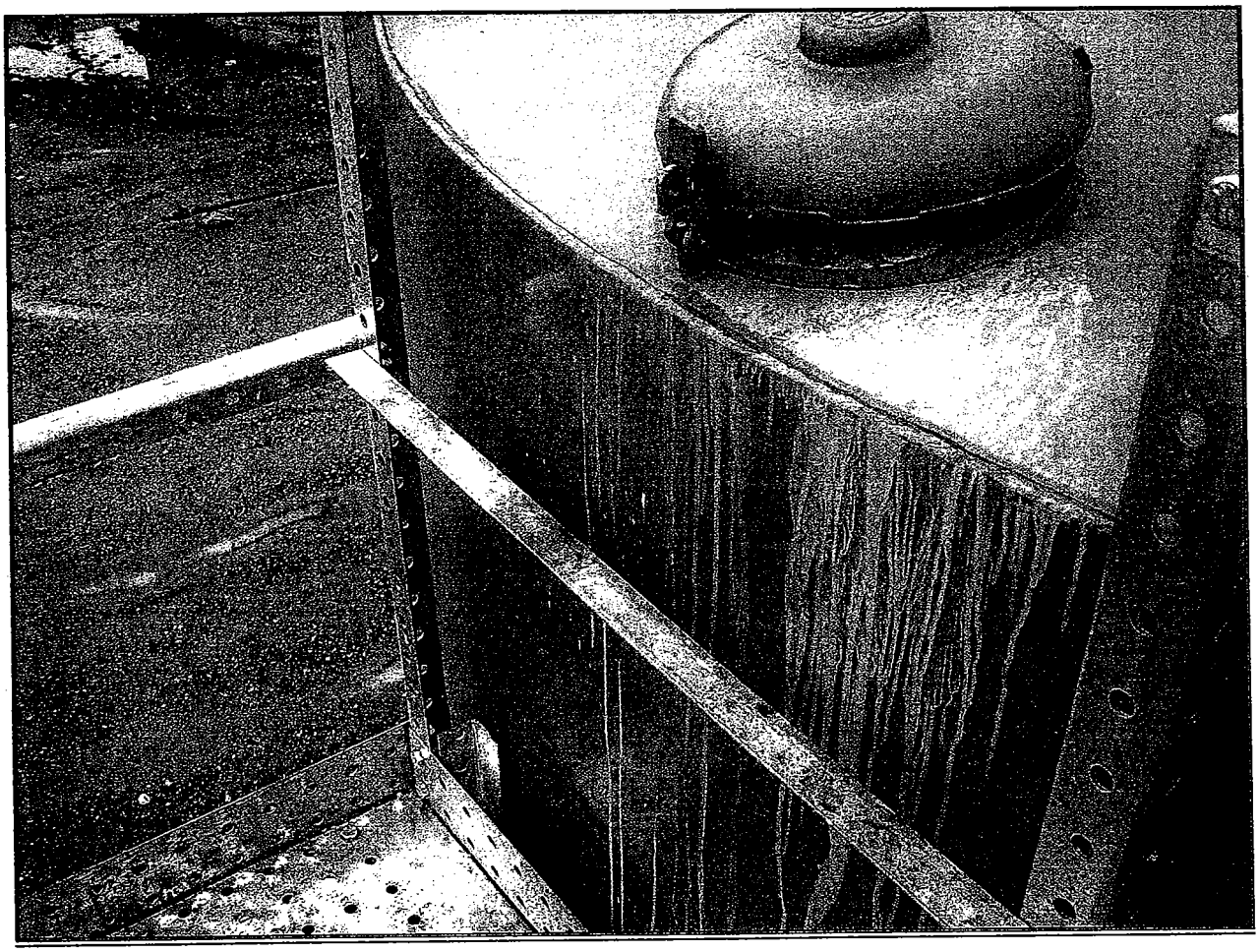

Photo No.: 23 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson

Description: View of pressure relief valve (PRV) on top of new caustic storage tank. Note: It appears that the tank has had some overfill issues as can be inferred by the staining in the photo above.

Photo No.: 24 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of oil/water separator located near the southwest corner of the facility.

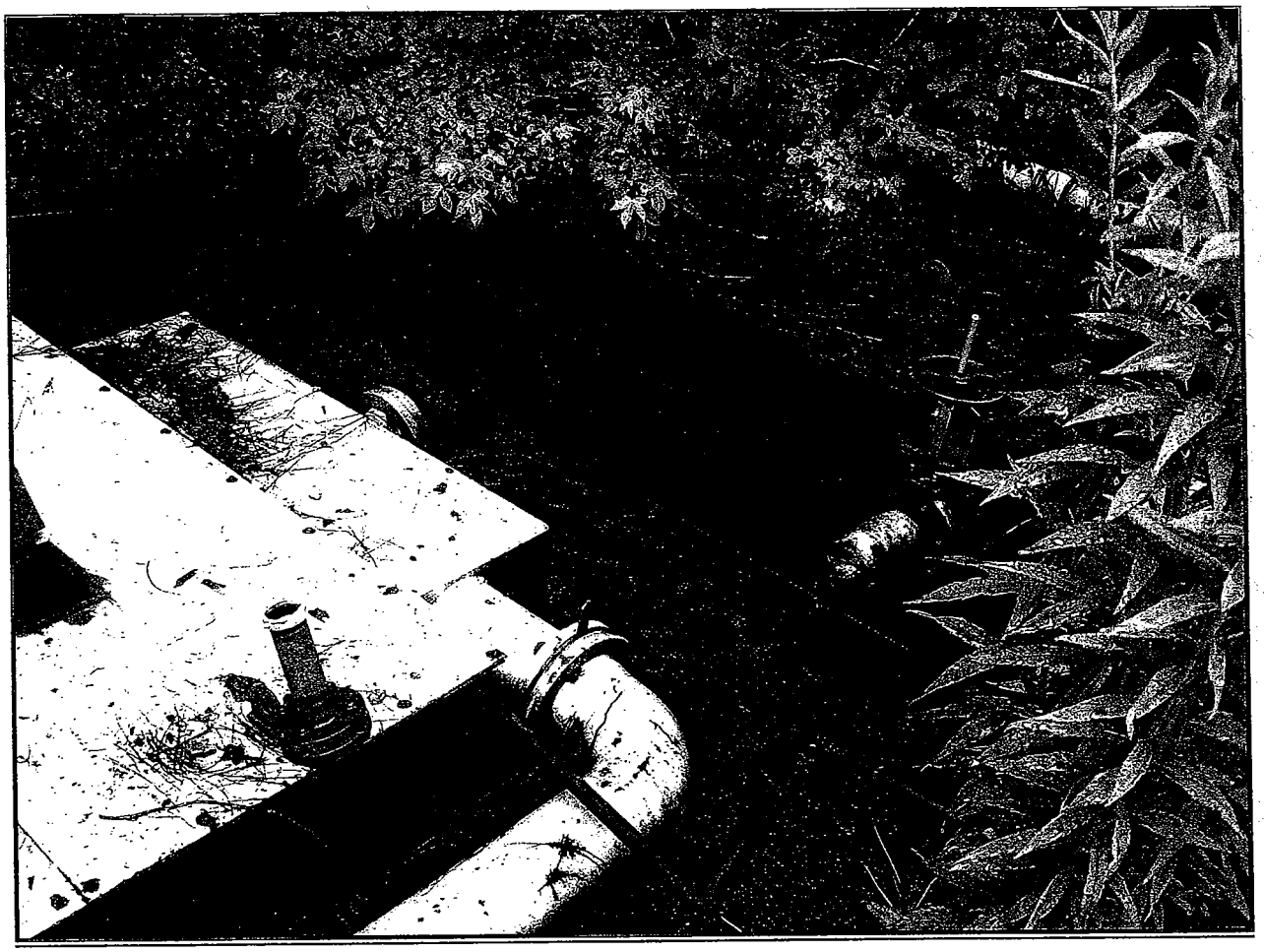

Photo No.: 25 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of north end of oil/water separator from Photo 24. Note: It appears that the oil/water separator was abandoned in place by Arcadia/Lisbon Refinery.

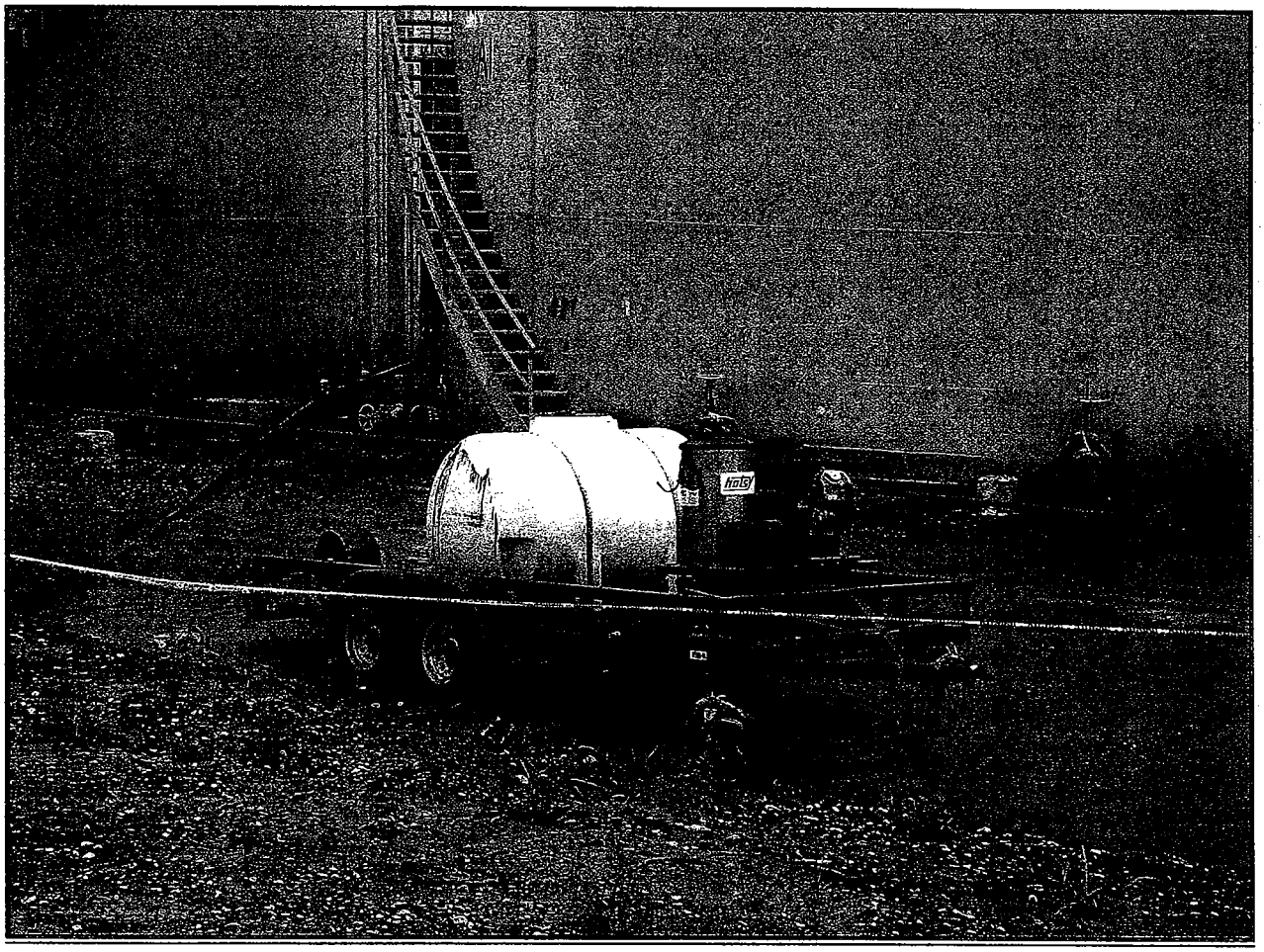

Photo No.: 26 **Facility Name:** Lisbon Processing **Date:** July 5, 2007

Photographer: D. Robertson **Description:** View of pressure washer used for cleaning out onsite storage tanks. Note: Tanks A1(right) and B2 (left) can be observed in the background.

Attachment C

ATTACHMENT C

Lisbon Gas Processing Loading Log

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
4/1/2007	AM	83	75.2	85136	Arthur	Lisbon-Houma			5129106	?	196
4/1/2007	PM	83		81320	Johnny T.	Sun Oil Co.			307841		190
4/2/2007	AM	83		85383	Lyn	Sun Oil Co.			290042		200
4/2/2007	AM	83		84588	Matt	Sun Oil Co.			277216		229.3
4/3/2007	AM			Got 125	Brandon	Valentine	L		18077	195	195
4/4/2007	AM			Got 125	Brandon	Valentine	L		18078	195	195
4/4/2007	PM	80.7		85383	Foster	Sun Oil Co.-Quitman	L		290012		195
4/4/2007	PM	80.7		Got 128		Valentine	L		17503	185	185
4/5/2007	PM			Got 125	Brandon	Valentine	L		18079	193	193.6
4/5/2007	PM			Got 227	Sid	Valentine	L		18192	210	210.1
4/5/2007	PM			82617	Roger	Valentine	L		18100	230.8	230.8
4/5/2007	PM			85383	Foster	Quitman	L		290014		196.1
4/7/2007	AM	80.4		84588	Foster	Quitman	L		290016		224
4/7/2007	AM	80.4		85383	Lynn	Quitman	L		290046		201
4/7/2007	PM	80.4		84588	Foster	Quitman	L		290017		225
4/9/2007	AM			Got 123	Jeff	Valentine	L		18032	189	195
4/10/2007	PM			Got 123	Jeff	Valentine	I		18033	191.3	195
4/11/2007	PM	80.4		84588	Matt	Quitman	I		277154		228.1
4/12/2007	AM			Got 123	Jeff	Valentine	I		18034	195.2	195
4/12/2007	AM			Got 123	Brandon	Valentine	I		18082	200	200
4/12/2007	PM	80.4		84588	Matt	Quitman	I		277155		228
4/13/2007	PM	80.4		84560	Wilber	Valentine	I		5128078	198.5	198.5
4/13/2007	PM	80.4		84588	Matt	Quitman	I		277156		228.8
4/14/2007	AM	80.4	60	84618	Roger	Cotton Valley	I		94748		190
4/14/2007	AM	80.4		85383	Lyn	Quitman	I		290055		200.4
4/14/2007	PM	80.4		84588	Foster	Quitman	I		290024		225
4/14/2007	PM	80.4		82431	Wilber	Valentine	I		5128079	199	199
4/15/2007	AM	80.4		85383	Lyn	Quitman	I		290056		200
4/15/2007	AM	80.4		84588	Foster	Quitman	I		290025		226.1
4/15/2007	PM	80.4		82431	Wilber	Valentine	I		5128080	200	200
4/15/2007	PM	80.4		82617	Roger	Valentine	I		5128032	218.3	220
4/15/2007	PM	80.4		84588	Foster	Quitman	I		277157		225.7
4/16/2007	AM	80.4		82431	Wilber	Valentine	I		5128081		200
4/16/2007	PM	80.4		84588	Matt	Quitman	D		277158		227.7
4/17/2007	PM	80.4		84588	Matt	Quitman	D		277159		226.6
4/18/2007	PM	80.4		84588	Matt	Quitman	D		277160		228.2
4/19/2007	AM			Got 125	Brandon	St James	D		18087	195	193.5
4/19/2007	AM			Got 126	Sid	Placid-Port Allen	D		18369	210.1	210.1
4/19/2007	PM	80.4		85353	Lyn	Quitman	D		290065		199.7
4/19/2007	PM			84646	Gary	Quitman	D		284206		195
4/19/2007	PM	80.4		84588	Matt	Quitman	D		277161		226.9

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
4/20/2007	AM	80		Got 126	Sid	St James	D		18370	210	210
4/20/2007	PM	80	60	82617	Wilber	Krotz Springs	D		5128037	220	220
4/20/2007	PM	80		85383	Foster	Quitman	D		290076		196.9
4/20/2007	PM	80		Got	Brandon	Placid-Port Allen	D		18088	195	195
4/21/2007	AM	80		85383	Foster	Quitman	D		290077		197
4/21/2007	AM	80.4		84588	Matt	Quitman	D		277162		228
4/21/2007	PM	80		Got 125	Brandon	St James	D		18089	192	192
4/21/2007	PM	80	60	82617	Wilber	Valentine	D		5128038	215	216
4/21/2007	PM	80		85383	Foster	Quitman	D		290078		197
4/22/2007	AM	80		84588	Foster	Quitman	D		290079		226.8
4/22/2007	PM	80		Got 126	Sid	Valero Krotz Springs	D		18371	210	210
4/22/2007	PM	80		85481	Perry	Liberty Station	D		240900	200	200
4/22/2007	PM	80	56	82617	Roger	Placid-Port Allen	D		5128039		220
4/22/2007	PM	80		84588	Foster	Quitman	D		290080		227
4/23/2007	AM	80.4	69	82614	Danny	Valero	D		68706	194.1	195.1
4/23/2007	AM	80.4		Got 126	Sid	St. James	D		18372	210	210
4/23/2007	AM	80.4	60	82431	Greg	Placid-Port Allen	D		18632	194	194.3
4/23/2007	PM	80.4		84588	Foster	Quitman	D		277163		225
4/24/2007	AM	80.4	69	84631	Phil	Liberty Station	D		407051	185	185.1
4/24/2007	AM	80.4		85383	Lyn	Quitman	D		290066		200
4/24/2007	AM	80.4		84618	Rayburn	Quitman	D		94210		190
4/24/2007	PM	80		Got 126	Sid	Placid-Port Allen	D		18373	210	210
4/25/2007	AM	80.4		85383	Lyn	Quitman	D		290067		200
4/25/2007	AM	80.4	70	82614	Danny	Krotz Springs	D		68707	195.1	196.1
4/25/2007	AM	80.4		84599	Dean	Quitman	D		82063		190
4/25/2007	AM	80.4		84588	Matt	Quitman	D		277164		227.7
4/25/2007	AM	80.4		1320	Johnny T.	Liberty Station	D		72729	195	195
4/25/2007	AM	80.4	70	83417		Krotz Springs	D		41737	199.5	200
4/25/2007	AM	80.4	70	82431	Greg	Valentine	D		18634	195	195
4/25/2007	PM	80.4		Got 122	Brandon	St. James	D		18432	210	210
4/25/2007	PM	80.4		84556	Randy	Quitman	C		86203		200
4/25/2007	PM	80.4		84637	Stan	Quitman	C		86204		200
4/26/2007	AM	80		1320	Johnny T.	Liberty Station	C		72730	195	195.3
4/26/2007	AM	80.4		84637	Stan	Quitman	C		86206		200
4/26/2007	AM	80.4	70	84629	Phil	Liberty Station	C		193080	195	195.2
4/26/2007	PM	80.4	74	82431	Greg	Valentine	C		18635	195	195
4/26/2007	PM	80.4		84637	Stan	Quitman	C		86207		196.4
4/26/2007	PM	80.4		84556	Randy	Quitman	C		86208		200
4/26/2007	PM	80.4		1320	Johnny T.	Liberty Station	C		308604	195	195
4/27/2007	PM	80.4		84588	Matt	Quitman	C		277167		226.1
4/27/2007	PM	81	80	82617	Roger		C		5128042		220
4/27/2007	PM	81		84637	Stan		C		86209		200

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
4/27/2006	PM	80		84556	Randy	Quitman	C		86210		200
4/28/2007	AM			84658	Fish	Quitman	C		82121		199.6
4/28/2007	AM			84549	Billy	Quitman	C		82212		194.4
4/28/2007	PM			84556	Randy	Quitman	C		38704		200
4/28/2007	PM			Got 126	Sid	Placid-Port Allen	C		18376	210	210
4/28/2007	PM			Got 122	Brandon	St. James	C		18436	190	190
4/29/2007	AM			85383	Foster	Quitman	C		290082		203.8
4/29/2007	AM			84549	Billy	Quitman	C		82216		194.2
4/29/2007	AM	80.4		84637	Stan	Quitman	C		86213		198
4/29/2007	PM	80.4		1320	Johnny T.	Liberty Station	C		277450	195	195
4/29/2007	PM	80.4		Got 126	Sid	Valentine	C		18378	210	210
4/30/2007	AM	80.4		85383	Foster	Quitman	C		290083		224.9
4/30/2007	AM	81	76	82617	Roger	Liberty Station	C		5128045	210	210
5/1/2007	AM	80		84658	Benson	Quitman	C		97952		180
5/1/2007	PM	80		84637	Stan	Quitman	C		86214		196
5/1/2007	PM	80		84637	Stan	Quitman	C		86216		196
5/1/2007	PM	80		Got 122	Brandon	Valentine	C		18440		190.2
5/1/2007	PM	80		Got 123	Kevin	Placid	C		18301		210
5/1/2007	PM	80		1320	Johnny T	Liberty Station	C		308610		195
5/2/2007	AM	80.4	74	84588	Matt	Quitman	C		277169		226
5/2/2007	AM	80.4	74	84630	Mike	Liberty Station	C		546254		197.2
5/2/2007	PM	80.4		Got 126	Sid	Valentine	C		18380		210
5/2/2007	PM	80.4		1320	Johnny T	Liberty Station	C		308612		195
5/3/2007	AM	80.4		84629	J. Cook	Liberty Station	C		431139		195
5/4/2007	AM	80.5		Got 122	Brandon	St. James	C		18444		195
5/4/2007	AM	80.4		Got 126	Sid	St. James	C		18383		210.6
5/4/2007	PM	80.4	74	84588	Matt	Quitman	C		277171		225
5/4/2007	PM	80.4		1320	Johnny T	Krotz Springs	C		308614		195.1
5/5/2007	PM	80.4		Got 127	James F.	Valentine	C		18455		195
5/5/2007	AM	80.4		82617	Roger	Liberty Station	C		5128084		215
5/5/2007	PM	80.4	100	48721	Perry	Liberty Station	C		535826		198
5/5/2007	PM	80.4	100	84628	Robert	Liberty Station	C		535776		185
5/5/2007	PM	80.4	76	84588	Matt	Quitman	C		277172		225
5/6/2007	AM	80.4		Got 126	Sid	Placid	C		18387		210
5/6/2007	AM	80.4		Got 127	James F.	Placid	C		18457		195
5/6/2007	AM	80.4	71	85383	Foster	Quitman	C		290088		195
5/6/2007	AM	80.4	100	846288	Robert	Liberty Station	C		535777		185
5/7/2007	AM	80.4		Got 127	James F.	Valentine	C				210
5/7/2007	AM	80.4		Got 122	Brandon	Liberty Station	C		18446		190
5/7/2007	AM	80.4		84628	Robert	Liberty Station	C		535778		185
5/7/2007	AM	80.4	76	84588	Matt	Quitman	C		277173		225
5/7/2007	AM	80.4		502	Jeff	Liberty Station	C		68551		212.9

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
5/8/2007	AM	80.4	78	82617	Greg	Valentine	C		5128089		208
5/8/2007	AM	80.4	100	84628	Robert	Liberty Station	C		535779		190
5/8/2007	AM	80.4		502	Joey	Liberty Station	C		68552		195
5/8/2007	PM	80.4		Got 122	Brandon	St. James	C		18093		190
5/9/2007		80.4		68428	Robert	Liberty Station	C		535780		190
5/10/2007		80.4	72.6	84637	Stan	Quitman	C		287801		197
5/10/2007		80.4	72	502	Joey	Liberty Station	C		68553		195
5/10/2007	AM	80.4	100	84628	Robert	Liberty Station	C		535781		190
5/10/2007	PM	80.4	72	502	Joey	Liberty Station	C		68554		195
5/11/2007	AM	80.4	74	84588	Matt	Quitman	C		277174		225
5/11/2007	PM	80.4	72	84637	Stan	Quitman	C		287803		202
5/11/2007	PM	80.4	71.5	84599	Jerome	Quitman	C		333927		188
5/11/2007	PM	80.4		502	Joey	Placid	C		68555		195
5/12/2007	PM	80.4	78	84637	Stan	Quitman	C		287804		197
5/12/2007	PM	80.4	78	85499	Jerome	Quitman	c		333928		188
5/12/2007	PM	80.4	72.6	Got 123	Jeff	St. James	C		18050		193
5/13/2007	AM	80	71	84549	Scott	Quitman	c		94317		185
5/13/2007	AM	80.4	60	82617	Wilber	Valentine	C		5128096		225
5/13/2007	PM	80.4	70	84637	Stan	Quitman	C		287805		197
5/13/2007	PM	80.4	70	85499	Jerome	Quitman	C		333929		188
5/14/2007	AM	80.4	72	502	Joey	Placid	C		68556		195
5/14/2007	AM	80.4	68	84560	Greg	St. James	C		18643		195
5/14/2007	AM	80.4	100	84628	Robert	Liberty Station	C		535782		190
5/15/2007	AM	80.4		502	Joey	Krotz Springs	C		68557		195
5/15/2007	AM	80.4	100	84628	Robert	Liberty Station	C		535783		190
5/15/2007	PM	80.4		1320	Johnny T	Krotz Springs	C		308617		190.1
5/15/2007	PM	80.4	72.9	85383	Foster	Quitman	C		290132		195
5/16/2007	AM	80.4	72	502	Joey	Krotz Springs	C		68558		195
5/16/2007	AM	80.4		1376	Chico/D	Valentine	C		2022125		178
5/16/2007	AM	80.4		1489	Tony/D	Valentine	C		1000		196
5/16/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535784		190
5/17/2007	AM	80.4		1320	Johnny T	Liberty Station	C		308619		190.7
5/17/2007	PM	80.2		1489	S.White/D	Valentine	C		2022903		190
5/17/2007		80.2		1376	Chico/D	Valentine	C		2022904		189.6
5/18/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535786		190
5/18/2007	AM	80.4	72	84588	Matt	Quitman	C		277001		225
5/18/2007	PM	80.4		1489	S.White/D	Valentine	C		2022905		196
5/19/2007	PM	80.4	72	84588	Matt	Quitman	C		277002		225
5/19/2007	PM	80.4	73.7	85499	Jerome	Quitman	C		333931		188
5/19/2007	PM	80.4	60	826617	Wilber	Valentine	C		402602		225
5/19/2007	PM	80.4	71	85499	Jerome	Quitman	C		333932		188
5/20/2007	PM	80.4		1320	Johnny T	Quitman	C		308652		190

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
5/20/2007	PM	80.4		davidson		Valentine	C		2022910		190
5/20/2007	PM	80.4	81.6	Got 126	Sid	Placid	C		18400		210
5/21/2007	AM	80.4	71	84637	Jerome	Quitman	C		333933		198
5/21/2007	PM	80.4	73.5	84637	Stan	Quitman	C		287808		198
5/21/2007	PM	80.4	71	85499	Jerome	Quitman	C		287807		188
5/21/2007	PM	80.4	74	1350	Tim/D	Valentine	C		2022909		194.4
5/21/2007	PM	80.4	72	502	Joey	Liberty Station	C		68561		195
5/22/2007	AM	80.4	71	84634	B.R	Liberty Station	C		431691		190
5/22/2007	AM	80.4		84560	Wilber	Krotz Springs	C		18603		200
5/22/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535788		190
5/22/2007	AM	80.4	74.2	84637	Stan	Quitman	C		287809		200.2
5/23/2007	PM	80.4		1369	Perot/D	Valentine	C		1015		198
5/23/2007	PM	80.4		1320	Johnny T	Liberty Station	C		308655		190
5/23/2007	PM	80.4		84637	Stan	Quitman	C		287811		198
5/23/2007	PM	80.4	74.6	84615	Jerry	Quitman	C		333903		200
5/23/2007	PM		73	502	Joey	Liberty Station	C		68562		195
5/24/2007	AM			1495	Lloyd/D	Quitman	C		1019		196
5/24/2007	AM		74	1350	Tim/D	Quitman	C		1020		196
5/24/2007	PM	80.4	74	1350	Tim/D	Quitman	C		1021		196
5/24/2007	AM	80.4	70	1350	Tim/D	Valentine	C		1023		196
5/24/2007	AM	80.4	70.1	85499	Jerome	Quitman	C		333940		188
5/25/2007	AM	80.4	80	84634	B.R	Liberty Station	C		431694		195
5/25/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535791		190
5/25/2007	PM	80.4		1320	Johnny T	St. James	C		308659		190.6
5/26/2007	AM	80.4	60	82617	Wilber	Krotz Springs	C		402610		225
5/26/2007	PM	80.4		1320	Johnny T	St. James	C		308661		185
5/26/2007	PM	80.4		Got 122	Brandon	Valentine	C		18595		190
5/27/2007	AM	80.4	64	84663		Liberty Station	C		535642		200
5/27/2007	PM	80.4		Got 122	Brandon	Valentine	C		18597		190
5/27/2007	PM	80.4	77.4	Got 126	Sid	St. James	C		18409		210
5/28/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535792		190
5/28/2007	PM	80.4		1320	Johnny T	Valentine	C		308663		190
5/28/2007	PM	80.4	71.6	Got 126	Sid	St. James	C		18411		210
5/29/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535793		190
5/29/2007	PM	80.4		Got 123	Jeff	Valentine	C		18571		194.3
5/30/2007	AM	80.4	79.7	Got 126	Sid	Valentine	C		18413		210
5/30/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535794		190
5/31/2007	AM	80.4		Got 123	Jeff	Valentine	C		18573		195.5
5/31/2007	AM	80.4	90	84628	Robert	Liberty Station	C		535795		190
5/31/2007	PM	80.4		82617	Wilber	St. James	C		402619		225.1
5/31/2007		80.4	72	Got 122	Brandon	Valentine	C		18599		220
6/1/2007	AM	80.4		84628	Robert	Liberty	C		535796		190

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
6/1/2007	PM	80.4		84588	Foster	Quitman	C		290153		224.4
6/1/2007	PM	80.4		84663	Norwood	Liberty	C		535702		200
6/1/2007	PM	80.4		84560	Wilber	Liberty	C		1864		200
6/2/2007	AM	80.4		Got 122	Brandon	St. James	C		18601		192.3
6/2/2007	AM	80.4		Got 123	Jeff	Liberty	C		18592		220
6/3/2007	AM	80.4		84588	Foster	Quitman	C		290154		224.3
6/3/2007	AM	80.4		Got 122	Brandon	St. James	C		180603		192
6/4/2007	AM	80.4		Got 122	Brandon	Valentine	C		18605		192
6/4/2007	AM	80.4		Got 126	Sid	Valentine	C		18416		210
6/4/2007	AM	80.4		84628	Robert	Liberty	C		353797		190
6/4/2007	PM	80.4		84636	J.Demuus	Liberty	C		431871		197
6/4/2007	PM	80.4		Got 123	Jeff	St. James	C		18575		193.5
6/5/2007	AM	80.4		84633	Robert	Liberty	C		535798		190
6/6/2007	AM	80.4		Got 126	Sid	St. James	C		18715		210
6/6/2007	AM	80.4		84560	Greg	Valentine	C		18620		195
5/6/2007	AM	80.4		84628	Robert	Liberty	C		535799		190
6/6/2007	PM	80.4		84549	Scott	Quitman	C		58465		185
6/6/2007	PM	80.4		Got 123	Jeff	Valentine	C		18578		193.5
6/6/2007	PM	80.4		1320	Johnny	Valentine	D		308675		190
6/7/2007	AM	80.4		Got 122	Brandon	Valentine	D		18606		220
6/7/2007	AM	80.4		84733	Robert	Liberty	D		535800		190
6/7/2007	AM	80.4		84658	Fish	Quitman	D		94464		194.1
6/7/2007	PM	80.4		84549	Scott	Quitman	D		58468		185
6/8/2007	AM	80.4		84663	Norwood	Liberty	D		193153		200
6/8/2007	AM	80.4		84560	Greg	Valentine	D		18622		195
6/8/2007	AM	80.4		82617	Roger	St. James	D		68401		
6/8/2007	AM	80.4		Got 122	Brandon	Valentine	D		18607		220
6/8/2007	AM	80.4		84628	Robert	Liberty	D		536001		190
6/8/2007	AM	80.4		84733	D Sugg	Liberty	D		535901		190
6/8/2007	AM	80.4		84603	Phil	Liberty	D		399102		190
6/8/2007	AM	80.4		84638	Jimmy	Liberty	D		431902		190
6/8/2007	PM	80.4		85383	Foster	Quitman	D		290159		199.2
6/8/2007	PM	80.4		84549	Scott	Quitman	D		58473		185
6/9/2007	AM	80.4		84588	Foster	Quitman	D		290160		224.4
6/9/2007	AM	80.4		84658	Fish	Quitman	D		94469		200.6
6/9/2007	PM	80.4		Got 126	Sid	St. James	D		18717		210
6/9/2007	PM	80.4		84588	Foster	Quitman	D		290161		224.4
6/9/2007	PM	80.4		84694	Mike	Quitman	D		58699		190
6/10/2007	AM	80.4		84560	Wilber	St. James	D		18625		200
6/10/2007	AM	80.4		85383	Lyn	Quitman	D		290361		200
6/10/2007	AM	80.4		84658	Benson	Quitman	D		58583		180
6/10/2007	AM	80.4		84663	Norwood	Liberty	D		193154		200

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
6/10/2007	PM	80.4		84549	Scott	Quitman	D		58565		185
6/10/2007	PM	80.4		Got 126	Sid	Valentine	D		18719		210
6/11/2007	AM	80.4		84618	Fish	Quitman	D		94470		200.8
6/11/2007	PM	80.4		84628	Robert	Liberty	D		536002		190
6/11/2007	PM	80.4		84733	D Sugg	Liberty	D		535902		190
6/11/2007	PM	80.4		84663	Norwood	Liberty	D		193155		200
6/11/2007	PM	80.4		84549	B.Caskey	Quitman	D		58568		197.3
6/12/2007	AM	80.4		82617	Wilber	St. James	D		68406		225
6/12/2007	AM	80.4		84628	Robert	Liberty	D		536003		190
6/12/2007	AM	80.4		84733	D Sugg	Liberty	D		535903		190
6/12/2007	PM	80.4		Got 123	Jeff	Valentine	D		18579		220
6/12/2007	PM	80.4		84549	Caskey	Quitman	D		58572		195.8
6/12/2007	PM	80.4		84694	Mike	Quitman	D		58313		184.7
6/13/2007	AM	80.4		84628	Robert	Liberty	D		536004		190
6/13/2007	AM	80.4		84733	D Sugg	Liberty	D		535904		190
6/13/2007	PM	80.4		Got 123	Jeff	Valentine	D		18582		225
6/13/2007	PM	80.4		84694	Mike	Quitman	D		58318		180
6/13/2007	PM	80.4		84549	Scott	Quitman	D		58574		185
6/13/2007	PM	80.4		Got 122	Brandon	Valentine	D		18610		195
6/14/2007	AM	80.4		Got 123	Jeff	Valentine	D		18584		220
6/14/2007	AM	80.4		84628	Robert	Liberty	D		536005		190
6/14/2007	AM	80.4		84733	D Sugg	Liberty	D		535605		190
6/14/2007	AM	80.4		84663	J. Lessley	Liberty	D		535706		195
6/14/2007	AM	80.4		84632		Liberty	D		431906		195
6/14/2007	PM	80.4		84560	Greg	Valentine	D		18006		195
6/14/2007	PM	80.4		84588	Foster	Quitman	D		290163		224.8
6/14/2007	PM	80.4		84549	Scott	Quitman	D		58575		185
6/15/2007	AM	80.4		Got 123	Jeff	Valentine	D		18586		221.5
6/15/2007	AM	80.4		84599	Dean	Quitman	D		58382		190
6/15/2007	AM	80.4		84628	Robert	Liberty	D		536006		190
6/15/2007	AM	80.4		84733	D Sugg	Liberty	D		535906		190
6/15/2007	PM	80.4		Got 122	Brandon	Valentine	D		18613		195
6/15/2007	PM	80.4		84588	Foster	Quitman	D		290166		224.6
6/15/2007	PM	80.4		82617	Roger	St. James	D		68409		225.1
6/16/2007	AM	80.4		84560	Greg	Valentine	D		18008		195
6/16/2007	AM	80.4		84599	Dean	Quitman	D		58385		190
6/16/2007	AM	80.4		85418	Caskey	Quitman	D		58326		196.8
6/16/2007	PM	80.4		84588	Foster	Quitman	D		290167		224.2
6/16/2007	PM	80.4		Got 122	Brandon	Valentine	D		18612		195
6/16/2007	PM	80.4		84588	Foster	Quitman	D		290168		224.3
6/17/2007	AM				Norwood	Liberty					
6/17/2007	PM	80.3		Got 123	Jeff	Valentine	D		18589		196.5

Date L	Time	Gravity	Temp	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Unload bbls	Load bbls
6/17/2007	PM	80.4		85418	Scott	Quitman	D		58329		185
6/18/2007	AM	80.4		84618	Fish	Quitman	D		94475		200.6
6/18/2007	AM	80.4		84628	Robert	Liberty	D		536007		190
6/18/2007	AM	80.3		84733	D Sugg	Liberty	D		535907		190
6/18/2007	PM	80.4		Got 123	Jeff	Valentine	D		18591		195.1
6/19/2007	AM	80.4		84628	Robert	Liberty	D		536008		190
6/19/2007	AM	80.4		84733	D Sugg	Liberty	D		535908		190
6/19/2007	PM	80.4		Got 126	Sid	St. James	D		18726		210
6/19/2007	PM	80.4		Got 123	Jeff	Valentine	D		18744		194.5
6/19/2007	PM	80.4		82617	Roger	St. James	D		68414		188
6/19/2007	PM	80.4		85418	Scott	Quitman	D		58335		185
6/20/2007	AM	80.4		84632	B. Dozier		D		431911		195.2
6/20/2007	AM	80.4		Got 122	Brandon	St. James	D		18616		210
6/20/2007	PM	80.4		Got 123	Jeff	Valentine	D		018....		195
6/20/2007	PM	80.4		84694	Mike	Quitman	D		58293		185
6/20/2007	PM	80.4		84628	Robert	Liberty	D		536009		190
6/20/2007	PM	80.4		84733	D Sugg	Liberty	D		535909		190
6/21/2007	AM	80.3		Got 123	Jeff	Valentine	D		18747		195
6/21/2007	PM	80.4		508	Mike	St. James	D		196728		185
6/21/2007	PM	80.4		84694	Mike	Quitman	D		58298		185
6/21/2007	PM	80.4		Got 122	Brandon	Valentine	D		18618		220
6/21/2007	PM	80.4		84628	Robert	Liberty	D		536010		190
6/21/2007	PM	80.4		84733	D Sugg	Liberty	D		535910		190
6/22/2007	PM	80.4		Got 126	Sid	Valentine	D		18728		195
6/22/2007	PM	80.4		84628	Robert	Liberty	D		536011		190
6/22/2007	PM	80.4		84733	D Sugg	Liberty	D		535911		190
6/22/2007	PM	80.4		84694	Mike	Quitman	D		58300		185.2
6/22/2007	PM	80.4		Got 122	Brandon	St. James	D		18620		220

Lisbon Gas Processing Unloading Log

Date UL	Time	Gravity	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Barrels
5/23/2007	PM	0.66	1320	Johnny T.	Geismar	A		308654	181.44
5/23/2007	PM	0.66	Got 126	Sid	Geismar	A		18405	202.71
5/23/2007	PM	0.66	502	Joey	Geismar	A		4788/196425	175.9
5/23/2007	PM	0.66	Got 123	Jeff	Geismar	A		18566	190.36
5/24/2007	PM	0.66	Got 122	Johnny T.	Geismar	A		4793	180.9
5/24/2007	PM	0.66	Got 123	Jeff	Geismar	A		18408	204
5/24/2007	PM	0.66	Got		Geismar	A		18583	190.3
5/25/2007	PM	0.66	Got 123	Jeff	Geismar	A		18572	198.4
5/25/2007	PM	0.66	84560	Greg	Geismar	A		18606	186
5/25/2007	PM	0.66	1320	Johnny T.	Geismar	A		308658	183.76
5/25/2007	PM	0.66	Got 122	Brandon	Geismar	A		18062	190
5/26/2007	AM	0.66	82617	Wilber	Geismar	A		402609	203.98
5/26/2007	PM	0.66	Got 122	Brandon	Geismar	A		18062	190
5/26/2007	PM	0.66	1320	Johnny T.	Geismar	A		308660	184.08
5/27/2007	AM	0.66	82617	Roger	Geismar	A		402611	207.76
5/27/2007	PM	0.66	Got 122	Brandon	Geismar	A		18596	190
5/27/2007	PM	0.66	Got 126	Sid	Geismar	A		185580	197.85
5/28/2007	AM	0.66	84560	Wilber	Geismar	A		18608	187
5/28/2007	AM	0.66	82617	Roger	Geismar	A		402613	200.73
5/28/2007	PM	0.66	1320	Johnny T.	Geismar	A		308662	182.15
5/29/2007	PM	0.66	Got 126	Sid	Geismar	A		18410	201.33
5/29/2007	AM	0.66	84560	Greg	Geismar	A		18611	192.17
5/29/2007	AM	0.66	82617	Roger	Geismar	A		402614	206.08
5/29/2007	PM	0.66	Got 123	Jeff	Geismar	A		18569	191.05
5/30/2007	AM	0.66	Got 126	Sid	Geismar	A		18412	201.51
5/30/2007	AM	0.66	502	Joey	Geismar	A		196577	173.53
5/30/2007	PM		82617	Greg	Geismar	A		402617	206.84
5/30/2007	PM		1320	Johnny T.	Geismar	A		308664/4862	183.54.
5/30/2007	PM		Got 123	Jeff	Geismar	A		18577	191.28
5/31/2007	PM	0.65	Got 122	Brandon	Geismar	A		4883/18414	204
5/31/2007	AM	0.66	1320	Johnny T.	Geismar	A		308666/4882	179.34
5/31/2007	PM	0.66	84560	Greg	Geismar	A		18612	186
									6143.99
6/1/2007	PM		84560	Wilber	Geismar	A		18613	186.1
6/1/2007	PM		Got 123	Jeff	Geismar	A		18574	191.28
6/1/2007	PM		Got 122	Brandon	Geismar	A		18600	204
6/1/2007	PM		1320	Johnny	Geismar	A		308668	178.06
6/2/2007	PM	0.66	1320	Johnny	Geismar	A		308670	178.75
6/2/2007	PM	0.66	Got 122	Brandon	Geismar	A		18602	190
6/3/2007	PM	0.66	82617	Wilber	Geismar	A		18616	184.98
6/3/2007	PM	0.66	Got 122	Brandon	Geismar	A		18604	190
6/3/2007	PM	0.66	Got 126	Sid	Geismar	A		18415	201.81
6/4/2007	PM	0.66	1320	Johnny	Geismar	A		308672	179.07
6/4/2007	PM	0.66	84580	Lester	Geismar	A		308550	
6/5/2007	AM	0.65	Got 126	Sid	Geismar	A		18417	203.35
6/5/2007	PM	0.65	87620	Mike F	Geismar	A		308494	161.32
6/6/2007	PM	0.65	84560	Greg	Geismar	A		18619	186.03
6/6/2007	PM		Got 123	Jeff	Geismar	A		18576	193.59
6/6/2007	PM	0.65	1320	Johnny	Geismar	A		308674	177.8
6/6/2007	PM	0.65	Got 122	Brandon	Geismar	A		18716	185

Date UL	Time	Gravity	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Barrels
6/9/2007	PM	0.66	Got 126	Sid	Geismar	A		18608	203.86
6/10/2007	AM	0.66	84560	Wilber	Geismar	A		18624	188.76
6/10/2007	AM	0.66	84691	Fredrick	Geismar	A		326357	150.49
6/10/2007	PM	0.66	1320	Johnny	Geismar	A		326228	188.24
6/10/2007	PM	0.66	84691	Fredrick	Geismar	A		326358	155.46
6/10/2007	PM	0.66	Got 126	Sid	Geismar	A		18718	203.05
6/11/2007	AM	0.66	82617	Roger	Geismar	A		68404	206.53
6/11/2007	PM	0.66	84563	Johnson	Geismar	A		326157	164.02
6/11/2007	PM	0.66	84691	Fredrick	Geismar	A		326360	150.85
6/11/2007	PM	0.66	196125	Reggie	Geismar	A		196125	150.97
6/12/2007	AM	0.66	84560	Greg	Geismar	A		18001/4980	189.9
6/12/2007	AM	0.66	82617	Wilber	Geismar	A		68405/4994	205.93
6/12/2007	AM	0.66	502	Joey	Geismar	A		196578/4987	178.28
6/12/2007	PM	0.66	Got 123	Jeff	Geismar	A		18720/4998	204
6/12/2007	PM	0.66	87620	Mike F	Geismar	A		308498/5002	157.94
6/12/2007	PM	0.66	84691	Fredrick	Geismar	A		326361/5006	155.03
6/12/2007	PM	0.66	82112	Mitch	Geismar	A		308798/4996	173.33
6/12/2007	PM	0.66	399	Reggie	Geismar	A		196077/5008	155.8
6/13/2007	AM	0.66	84560	Greg	Geismar	A		018003/5012	193.22
6/13/2007	AM	0.66	501	Danny	Geismar	A		306753/5010	160.51
6/13/2007	AM	0.66	82617	Wilber	Geismar	A		68407/5011	216.98
6/13/2007	PM	0.66	Got 123	Jeff	Geismar	A		018581/5013	210
6/13/2007	PM	0.66	84691	Fredrick	Geismar	A		326362/5017	154.72
6/13/2007	PM	0.66	Got 122	Brandon	Geismar	A		018609/5020	190
6/14/2007	AM	0.66	502	Joey	Geismar	A		196580	159.05
6/14/2007	PM	0.66	84560	Greg	Geismar	A		18005	185.54
6/14/2007	PM	0.66	Got 123	Jeff	Geismar	A		18585	200.16
6/14/2007	PM	0.66	82117	Mitch	Geismar	A		196251	158.51
6/14/2007	PM	0.66	1320	Johnny	Geismar	A		326230	179.88
6/14/2007	PM	0.66	Got 122	Brandon	Geismar	A		18611	189.98
6/16/2007	PM	0.65	Got 126	Sid	Geismar	A		18721	201.88
6/16/2007	PM	0.65	Got 122	Brandon	Geismar	A		8614	190
6/17/2007	AM	0.65	82617	Roger	Geismar	A		68410	208.12
6/17/2007	PM	0.65	Got 123	Jeff	Geismar	A		185588	190.5
6/17/2007	PM	0.65	84560	Wilber	Geismar	A		18007	184.87
6/18/2007	AM	0.65	Got 126	Sid	Geismar	A		18723	202.64
6/18/2007	AM	0.66	502	Joey	Geismar	A		196583	140.22
6/18/2007	PM	0.66	82617	Roger	Geismar	A		68411	183.05
6/18/2007	PM	0.66	84560	Wilber	Geismar	A		18011	184.98
6/18/2007	PM	0.66	Got 123	Jeff	Geismar	A		18590	190
6/19/2007	PM	0.66	Got 126	Sid	Geismar	A		18725	202.28
6/19/2007	PM	0.66	Got 126	Jeff	Geismar	A		18742	190.76
6/19/2007	PM	0.66	82617	Roger	Geismar	A		68413	183.66
6/19/2007	PM	0.66	82112	M.H.	Geismar	A		196254	157.68
6/20/2007	AM	0.65	84560	Greg	Geismar	A		18013	188.8
6/20/2007	PM	0.65	Got 122	Brandon	Geismar	A		18615	204
6/20/2007	PM	0.65	Got 123	Jeff	Geismar	A		18745	190.76
6/20/2007	PM	0.66	82617	Wilber	Geismar	A		68415	182.2
6/20/2007	PM	0.68	87620	Mike F	Geismar	A		255456	158.16
6/20/2007	PM		399	Reggie	Geismar	H		196089	153.32
6/21/2007	PM		508	Mike	Geismar	H		3104	182.05

Date UL	Time	Gravity	Truck #	Name	Lease Name	Tank	Lact Meter	Run Ticket #	Barrels
6/21/2007	PM	0.65	Got 122	Brandon	Geismar	H		18617	204
6/21/2007	PM	0.65	502	Joey	Geismar	H			156.53
6/22/2007	AM	0.65	84560	Greg	Geismar	H		68416	187.52
6/22/2007	PM	0.65	Got 126	Sid	Geismar	H		18727	191.95
6/22/2007	PM	0.65	Got 122	Brandon	Geismar	H		18619	201.68
6/23/2007	PM	0.65	84563	John	Geismar	H		258983	172.85

ATTACHMENT D

MAIN FILE

original to IOA
copy to Cheryl/Leggett/Nolan

LAW OFFICES
LEMLE & KELLEHER, L.L.P.
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS
SUITE 1100, ONE AMERICAN PLACE
301 MAIN STREET · BATON ROUGE, LOUISIANA 70825
TELEPHONE: (225) 387-5068 FAX: (225) 387-4998

NEW ORLEANS OFFICE
21ST FLOOR
PAN-AMERICAN LIFE CENTER
601 POYDRAS STREET
NEW ORLEANS, LOUISIANA 70130-6097
TELEPHONE: (504) 586-1241
FAX: (504) 584-9142

SHREVEPORT OFFICE
10TH FLOOR
LOUISIANA TOWER
401 EDWARDS STREET
SHREVEPORT, LOUISIANA 71101-3289
TELEPHONE: (318) 227-1131
FAX: (318) 227-1141

TIMOTHY W. HARDY
PARTNER
(225) 387-5068
thardy@lemle.com

PER20070003

PER20070003

June 12, 2007

Hand Delivered

SIC 5171 = Petroleum Bulk Stations & Terminals

Dr. Chuck C. Brown
Assistant Secretary
Office of Environmental Services
Louisiana Department of Environmental Quality
P.O. Box 4312
Baton Rouge, Louisiana 70821-4312

Attachment D

Re: Lisbon Processing, L.L.C.
Claiborne Parish, Louisiana
Agency Interest No. 2108

LDEQ RECEIPT
2007 JUN 12 AM 10 48

Dear Dr. Brown:

On behalf of Lisbon Processing, L.L.C. ("Lisbon"), Lemle & Kelleher, LLP submits the revised Minor Source Air Permit Application for the Lisbon facility located at 18647 Hwy 2 in Lisbon, Louisiana. The revised application contains the original signatures for the responsible official and the Certificate from the Secretary of State. Also included is the permit application review fee of $379.00.

If you need any additional information to complete the review of the attached application, please contact Joyce Matthews or me at the above Baton Rouge address and/or telephone. Thank you for your attention.

Very truly yours,

Timothy W. Hardy / KJM

TIMOTHY W. HARDY

Attachment

cc: Ms. Cheryl Nolan
Dr. Harold Leggett (w/o attachment)
Mr. Jeffery Nolan (w/o attachment)
Mr. Otis Randall (w/o attachment)

RECEIPT OF CHECK

Report Date/Time
6/12/2007 11:09:13 AM

AI NUMBER	2108
Company Name	Lemle & Kelleher LLP
Site Name/Location	
Phone Number	(225) 387-5068
Date Received	6/12/2007
Date on Check	6/12/2007
Check Number	3290
Amount Received	$379.00

RECEIPT GENERATED BY: Barbara Williamson

COMMENTS revised submittal of minor source app for Lisbon Processing, L.L.C., Lisbon facility including fee

Media: AIR QUALITY

Media Type (check one)
Hazardous Waste ☐ Air ☒
Solid Waste ☐ Water ☐
Radiation Licensing ☐

Agency Interest Number: 2108
Is this a copy of a previously submitted form? Yes ☒ No ☐
If yes, indicate the original submittal date: 4/13/07
If yes, indicate the original permit number: Not yet issued, name change

Department of Environmental Quality Permits Division P.O. Box 4313 Baton Rouge, LA 70821-4313 (225) 219-3181	**Addendum to Permit Applications per LAC 33:I.1701**	

Please Type Or Print	Company Name	☐ Owner ☒ Operator	For Permits Division Use Only
	Lisbon Processing, L.L.C.		
	Parent Company (if Company Name given above is a division)		
	Plant name (if any)		
	Nearest town: Lisbon, Louisiana — Parish where located: Claiborne		

1. Does the company or owner have federal or state environmental permits identical to, or of a similar nature to, the permit for which you are applying in other states? (This requirement applies to all individuals, partnerships, corporations, or other entities who own a controlling interest of 50% or more in your company, or who participate in the environmental management of the facility for an entity applying for the permit or an ownership interest in the permit.)

   ☐ Permits in Louisiana. List Permit Numbers: _____

   ☐ Permits in other states (list states): _____

2. Do you owe any outstanding fees or final penalties to the Department? No☒ Yes☐
   If yes, please explain. _____

3. Is your company a corporation or limited liability company? No☐ Yes☒ If yes, attach a copy of your company's Certificate of Registration and/or Certificate of Good Standing from the Secretary of State.

Certification:

I certify, under provisions in Louisiana and United States law which provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information contained in this Addendum to the Permit Application, including all attachments thereto are true, accurate, and complete.

Responsible Official

Name	City	State	Zip
James H. Ballengee	Shreveport	LA	71101
Title: Manager	Business phone: 318.429.0271		
Company: Lisbon Processing, L.L.C.	Signature of responsible official(s)		
Suite, mail drop, or division: 205	Date: 6.6.07		
Street or P.O. Box: 800 Spring St.			

form_7037_r03
06/30/04

United States of America
State of Louisiana

As Secretary of State, Jay Dardenne, I do hereby Certify that

LISBON PROCESSING, LLC

A limited liability company domiciled in SHREVEPORT, LOUISIANA,

Filed charter and qualified to do business in this State on October 12, 2006,

I further certify that the records of this Office indicate the company has paid all fees due the Secretary of State, and so far as the Office of the Secretary of State is concerned, is in good standing and is authorized to do business in this State.

I further certify that this certificate is not intended to reflect the financial condition of this company since this information is not available from the records of this Office.

In testimony whereof, I have hereunto set
My hand and caused the Seal of my Office
To be affixed at the City of Baton Rouge on,
April 11, 2007

Secretary of State
36289844K

STATE OF LOUISIANA
UNION JUSTICE CONFIDENCE
SECRETARY OF STATE

Certificate ID: 20070411004625

To validate this certificate, visit the following web site, go to Commercial Division, Validate Certificate, then follow the instructions displayed.
www.sos.louisiana.gov

United States of America
State of Louisiana

As Secretary of State, Jay Dardenne, I do hereby Certify that

LISBON REFINERY J.V., L.L.C.

A limited liability company domiciled in SHREVEPORT, LOUISIANA,

Filed charter and qualified to do business in this State on February 9, 1998,

I further certify that the records of this Office indicate the company has paid all fees due the Secretary of State, and so far as the Office of the Secretary of State is concerned, is in good standing and is authorized to do business in this State.

I further certify that this certificate is not intended to reflect the financial condition of this company since this information is not available from the records of this Office.

In testimony whereof, I have hereunto set
My hand and caused the Seal of my Office
To be affixed at the City of Baton Rouge on,
June 4, 2007

Secretary of State
34610968K

STATE OF LOUISIANA
UNION JUSTICE CONFIDENCE
SECRETARY OF STATE

Certificate ID: 20070604004752

To validate this certificate, visit the following web site, go to **Commercial Division, Validate Certificate,** then follow the instructions displayed.
www.sos.louisiana.gov

LISBON PROCESSING, L.L.C.

LISBON, LOUISIANA

Application for Approval of Emissions and Emission Inventory Questionnaire

For

Lisbon Facility

Permit Application

June 2007

Table of Contents

Section 1.0

Introduction

1.0 INTRODUCTION

Lisbon Processing, L.L.C. is a bulk crude oil storage and wholesale facility. LSR (lower sulfur content oil) is offloaded from tanker trucks and stored in large aboveground storage tanks (ASTs) on the site. Geismer (higher sulfur content oil) is also offloaded from tanker trucks and treated with caustic to lower the sulfur content. Once the Geismer is treated, it is also stored in the ASTs present on the site. Once the market for oil is favorable for resale, the stored LSR and treated Geismer is then loaded onto tanker trucks to be sold. The facility is located in Lisbon, Claiborne Parish, Louisiana. Figure 1 shows the location of the facility.

This application is being submitted to satisfy the request of the Louisiana Department of Environmental Quality (LDEQ) to obtain an air permit before operations on this site can commence. This permit application demonstrates that the Lisbon Processing, L.L.C. Facility will emit small source numbers of volatile organic compounds (VOCs) and Toxic Air Pollutants (TAPs).

1.1 Process Description

When a tanker truck arrives at the facility, it pulls into the loading rack and begins offloading oil. If the oil is LSR, the fluid is pumped directly to storage tanks until the market is beneficial for resale. If the oil is Geismer, it is pumped into one of the two Geismer storage tanks present on the site. The Geismer is then pumped through a treatment process that introduces caustic to lower the sulfur content in the oil. The treated Geismer is then pumped into the treated Geismer storage tank where is can be transferred to any of the other tanks on the site for storage. When the market is beneficial for resale, the treated Geismer is loaded onto tanker trucks and sold.

1.2 Air Emissions

The permit application identifies emission sources pertaining to the process described above:

Volatile Organic Compound (VOC) and Toxic Air Pollutant (TAP) emissions are generated from the loading of crude oil onto tanker trucks, storage of crude oil, and the working losses created when the tanks are filled and emptied. The ten (10) large storage tanks present on the site all have internal floating roofs. Nine (9) of the internal floating roofs have double rubber vapor barriers and one (1) internal floating roof has a single rubber vapor barrier. These barriers stay in contact with the tank walls as the tanks are filled and emptied. These vapor barriers are used to significantly reduce VOC emissions from the tanks. The total tons of VOCs and TAPs emitted from the tanks were calculated using the TANKS 4.0 Program and using the AP-42 standards for petroleum loading. As can be seen from the calculations, the total annual VOC and TAP emissions from the ten (10) storage tanks and loading area are approximately ninety (90) tons.

Emission figures in this application are based on the expected operations and have been increased.

Section 2.0

Regulatory Applicability

2.0 REGULATORY APPLICABILITY

2.1 NESHAP Part 63 Standards (MACT)

Does not apply.

2.2 New Source Performance Standards (NSPS)

40 CFR 60, Subparts K, KA, and KB

2.3 NESHAP Part 61 Standards

Does not apply.

2.4 Louisiana Air Quality Regulations

As the calculations show in Exhibit 1 of this application, Lisbon Processing, L.L.C. is a small source for air pollutants emitted. The calculations using the TANKS 4.0 Program and AP-42 standards for petroleum loading show the annual VOC and TAP emissions to be approximately ninety (90) tons.

2.5 Prevention of Significant Deterioration (PSD) Regulations

Does not apply, no major modifications are being made.

2.6 Non-Attainment New Source Review (NNSR)

Does not apply, no major modifications are being made.

2.7 Groundwater

Multiple monitoring wells are present at the facility.

Section 3.0

Application for Approval of Emissions

Department of Environmental Quality
Permits Division
P.O. Box 4313
Baton Rouge, LA 70821-4313
(225) 219-3181

LOUISIANA

Application for Approval of Emissions of Air Pollutants

1 Please Type or Print	Company Name Lisbon Processing, L.L.C.	☐ Owner ☒ Operator	For Permits Division Use Only
	Parent Company (if Company Name given above is a division)		
	Plant name (if any)		
	Nearest town Lisbon, Louisiana	Parish where located Claiborne	
	Agency Interest Number 2108	CDS Number	

2 PROPOSED ACTION Give a brief description of proposed action. Attach flow diagrams, illustration required to convey an understanding.

Initial Permit Application – Lisbon Processing, L.L.C. is a bulk crude oil facility. Ten (10) aboveground storage tanks with capacities of 5,000 barrels to 20,000 barrels are located at the facility. The crude oil storage, storage tank filling and withdrawing, and tanker truck loading accounts for all emissions at the facility.

3 PHYSICAL LOCATION, OWNERSHIP AND USE OF ADJOINING PROPERTY. ☒ Map or description attached.

DISTANCE TO (km): Texas 115 Arkansas 24 Mississippi 153 Alabama 415

LATITUDE OF FACILITY FRONT GATE: 32 DG 47 MN 42 SEC

LONGITUDE OF FACILITY FRONT GATE: 92 DG 48 MN 32 SEC

The property to the north of the Lisbon Gas Processing Facility has a residential site, wooded areas, and a gas pipeline. The property the west is a woodad area. The property to the east has a residential site and wooded areas. The property to the south has an industrial site and wooded areas.

4 TYPE OF APPLICATION

☐ Part 70 General	☐ Part 70 Regular	☐ State	☐ NSR
☐ Reconciliation	☐ Renewal (Part 70)	☐ Modification or expansion of existing facility	
☒ Entirely new facility	☐ Other_____	☐ Previously grandfathered, exempted or unpermitted	

PROJECT FEE CALCULATION: Enter fee number, permit type, production capacity/thruput, and fee amount pursuant to LAC 33:III.Chapter 2.

FEE NO.	TYPE	CAPACITY	AMOUNT
1640	New Permit	N/A	$379.00 (Already submitted)

5 KEY DATES

Estimated date construction will commence: Already Constructed Estimated date operation will commence: LDEQ approved date

Note: A completed Emission Inventory Questionnaire (EIQ) that reflects projected emissions from your facility as a whole after the project described in this application becomes operational must be submitted with this application. If you are submitting an application that is for modification or expansion of an existing facility, the Department of Environmental Quality must also have an EIQ for existing emissions. If you have already submitted an EIQ that is on file with the Department, it may fulfill this requirement. Consult instructions for further details.

6 EMISSIONS BY POLLUTANT

List each emission from all sources. Group by pollutant PM_{10}, SO_2, NO_x, CO, VOC Toxic Air Pollutants (TAPs), non-VOC TAPs, Other VOC, non-VOC/non-TAPs, and Total VOC. Grouping by SARA VOC and SARA non-VOC is optional. Show total tons/year for each pollutant. Consult instructions.

Emission Point ID number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
T-A1	Hexane (-n)	0.003	
T-B2	Hexane (-n)	0.004	
T-C3	Hexane (-n)	0.004	
T-D4	Hexane (-n)	0.003	
T-F6	Hexane (-n)	0.003	
T-G7	Hexane (-n)	0.003	
T-H8	Hexane (-n)	0.003	
T-I9	Hexane (-n)	0.003	
T-L12	Hexane (-n)	0.005	
T-M13	Hexane (-n)	0.003	
LR-1	Hexane (-n)	0.327	
	Total Hexane (-n)	**0.361**	
T-A1	Benzene	0.005	
T-B2	Benzene	0.005	
T-C3	Benzene	0.006	
T-D4	Benzene	0.004	
T-F6	Benzene	0.004	
T-G7	Benzene	0.004	
T-H8	Benzene	0.004	
T-I9	Benzene	0.004	
T-L12	Benzene	0.007	
T-M13	Benzene	0.004	
LR-1	Benzene	0.491	
	Total Benzene	**0.538**	
T-A1	Toluene	0.008	
T-B2	Toluene	0.009	
T-C3	Toluene	0.010	
T-D4	Toluene	0.006	
T-F6	Toluene	0.006	
T-G7	Toluene	0.007	
T-H8	Toluene	0.007	
T-I9	Toluene	0.007	
T-L12	Toluene	0.012	
T-M13	Toluene	0.007	
LR-1	Toluene	0.818	
	Total Toluene	**0.897**	

Emission Point ID number	Pollutant (List individual TAPs and non-criteria hydrocarbons separately)	Permitted Emission Rate Before	Permitted Emission Rate After
		tons/yr	tons/yr
T-A1	Ethyl benzene	0.003	
T-B2	Ethyl benzene	0.004	
T-C3	Ethyl benzene	0.004	
T-D4	Ethyl benzene	0.003	
T-F6	Ethyl benzene	0.003	
T-G7	Ethyl benzene	0.003	
T-H8	Ethyl benzene	0.003	
T-I9	Ethyl benzene	0.003	
T-L12	Ethyl benzene	0.005	
T-M13	Ethyl benzene	0.003	
LR-1	Ethyl benzene	0.327	
	Total Ethyl benzene	**0.361**	
T-A1	Xylene	0.011	
T-B2	Xylene	0.013	
T-C3	Xylene	0.013	
T-D4	Xylene	0.009	
T-F6	Xylene	0.009	
T-G7	Xylene	0.010	
T-H8	Xylene	0.010	
T-I9	Xylene	0.010	
T-L12	Xylene	0.017	
T-M13	Xylene	0.010	
LR-1	Xylene	1.145	
	Total Xylene	**1.257**	
T-A1	H2S	0.008	
T-B2	H2S	0.009	
	Total H2S	**0.017**	
T-A1	VOCs	0.758	
T-B2	VOCs	0.908	
T-C3	VOCs	0.956	
T-D4	VOCs	0.637	
T-F6	VOCs	0.637	
T-G7	VOCs	0.718	
T-H8	VOCs	0.718	
T-I9	VOCs	0.718	
T-L12	VOCs	1.250	
T-M13	VOCs	0.718	
LR-1	VOCs	81.761	
	Total VOCs	**89.779**	

7 HISTORY OF PERMITTED EMISSIONS

List each emission level from facility permits (for unit specific permits, the history should be for the unit of concern only). Group by permit and show totals. Include as the last entry, the total emissions following the proposed change, entering the project name for "Permit number" and date of submittal for "Date permit issued". Consult instructions.

Permit number	Date permit issued	Pollutant	Permitted Emission Rate (tons/yr)
Initial Application			

8 **Title VI Stratospheric Ozone**

A Does your facility have any air conditioners or refrigeration equipment that uses CFCs, HCFCs or other ozone-depleting substances? ____ yes __X__ no

B Does the air conditioner or refrigeration equipment contain a refrigeration charge greater than 50 pounds? ____ yes __X__ no

C Do your facility personnel maintain, service, repair, or dispose of any motor vehicle air conditioners (MVACs) or appliances ("appliance" and "MVAC" as defined at 40 CFR 82.152)? ____ yes __X__ no

D Cite and describe which Title VI requirements are applicable to your facility (i.e. 40 CFR Part 82, Subpart A through G.) in the Regulatory Applicability section of the application.

9 **LAC 33:I.1701 Requirements**

A Does the company or owner have federal or state environmental permits identical to, or of a similar nature to, the permit for which you are applying in other states? (This requirement applies to all individuals, partnerships, corporations, or other entities who own a controlling interest of 50% or more in your company, or who participate in the environmental management of the facility for an entity applying for the permit or an ownership interest in the permit.)

☐ Permits in Louisiana. List Permit Numbers: _____

☐ Permits in other states (list states): _____

B Do you owe any outstanding fees or final penalties to the Department? ____ yes X no
If yes, please explain. _____

C Is your company a corporation or limited liability company? __X__ yes ____ no

If yes, attach a copy of your company's Certificate of Registration and/or Certificate of Good Standing from the Secretary of State. **(Already Submitted)**

10 EMISSION POINT LIST AND ANNUAL EMISSION RATE TABLE

Complete the following Emission Point List with the emission point number and description for each emission point. Include also, the associated operating rate or tank capacity and the operating schedule. List all Insignificant Activities under the appropriate heading. For sources claimed to be insignificant based on size or emission rate (LAC 33:III.501.B.5.A), information must be supplied to verify each claim.

Complete the following Annual Emission Rates Table by emission point ID or identifier with the annual emission rates for each appropriate pollutant. Include speciation data as available. Calculate totals for each pollutant and speciation data. List all General Condition XVII Activities under the appropriate heading. Emissions must be listed for each activity. Do not include emissions from General Condition XVII Activities in the totals.

11 APPLICABLE REGULATIONS, AIR POLLUTION CONTROL MEASURES, MONITORING, AND RECORDKEEPING

List in the following Tables 1-5, by emission point ID or identifier, state and federal pollution abatement programs and describe how compliance with these programs will be achieved, including test methods that will be used.

EMISSION POINT LIST

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

Emission Point No.	Description	Operating Rate (Max)or Tank Capacity	Operating Schedule H/D	D/W	W/Y
T-A1	Tank A1	420,000 gal 10,000 BBLs	24	7	52
T-B2	Tank B2	840,000 gal 20,000 BBLs	24	7	52
T-C3	Tank C3	840,000 gal 20,000 BBLs	24	7	52
T-D4	Tank D4	210,000 gal 5,000 BBLs	24	7	52
T-F6	Tank F6	210,000 gal 5,000 BBLs	24	7	52
T-G7	Tank G7	420,000 gal 10,000 BBLs	24	7	52
T-H8	Tank H8	10,000 BBLs	24	7	52
T-I9	Tank I9	10,000 BBLs	24	7	52
T-L12	Tank L12	10,000 BBLs	24	7	52
T-M13	Tank M13	10,000 BBLs	24	7	52
LR-1	Crude Oil Loading Rack	24,528,000 Gallons	4	7	52

Insignificant Activities List:

ANNUAL EMISSION RATES

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

Emission Point	Permitted emission rates are listed in tons per year					
	PM_{10}	SO_2	NO_x	CO	VOC*	Other
T-A1					0.758	0.036
T-B2					0.908	0.044
T-C3					0.956	0.036
T-D4					0.637	0.024
T-F6					0.637	0.024
T-G7					0.718	0.027
T-H8					0.718	0.027
T-I9					0.718	0.027
T-L12					1.250	0.047
T-M13					0.718	0.027
LR-1					81.761	3.107
Totals	**PM_{10}**	**SO_2**	**NO_x**	**CO**	**VOC*** 89.779	**Other** 3.412

***VOC TAP Speciation:**

Hexane (-n) – 718 lbs/yr
Benzene – 1,078 lbs/yr
Toluene – 1,796 lbs/yr
Ethylbenzene – 718 lbs/yr
Xylene – 2,512 lbs/yr
H2S – 34 lbs/yr

See attached TAP calculations for speciation of each emission point.

***Other VOC:**

non-VOC TAP Speciation:

General Condition XVII Activities List:

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Emission Point No/ Identifier	NSPS 40 CFR Part 60			NESHAP 40 CFR Part 61			NESHAP 40 CFR Part 63			40 CFR	LAC 33:III.Chapter			
	{K}	{KA}	{KB}	{ }	{ }	{ }	{ }	{ }	{ }	Part 68 CAP	{21}	{ }	{ }	
Plant Wide											1 and 2			
T-A1	1										1			
T-B2			1								1			
T-C3			1								1			
T-D4			1								1			
T-F6			1								1			
T-G7			1								1			
T-H8	1										1			
T-I9	1										1			
T-L12	2										1			
T-M13	2										1			
LR-1											2			

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

KEY TO MATRIX

1. - 1) The regulations have applicable requirements which apply to this particular emission source.
   - 2) The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2. - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3. - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT NO / IDENTIFIER	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/ PROVISION	NOTES
Plant Wide	Volatile Organic Compounds Loading. (LAC 33.III.2107)	Exempt – Crude Oil Loading Facility.	
	Housekeeping (LAC 33:III.2113)	Develop and maintain a good housekeeping plan to reduce organic compound emissions.	
T-A1, T-H8, and T-I9	Storage of Volatile Organic Compounds. (LAC 33:III.2103.C) – Internal Floating Roof	Closure seals are present to close the space between the roof edge and tank wall. All tank gauging and sampling devices are gas tight.	
T-A1, T-H8, and T-I9	Petroleum Storage Vessels Constructed Between June 11, 1973 and May 19, 1978. (40 CFR 60.112.a.1)	(1) If the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 78 mm Hg (1.5 psia) but not greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a floating roof, a vapor recovery system, or their equivalents.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Storage of Volatile Organic Compounds. (LAC 33:III.2103.C) – Internal Floating Roof	Closure seals are present to close the space between the roof edge and tank wall. All tank gauging and sampling devices are gas tight.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.i)	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.	

TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT NO / IDENTIFIER	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/ PROVISION	NOTES
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.ii)	Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.iii)	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.iv)	Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.v)	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.	

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT NO / IDENTIFIER	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/ PROVISION	NOTES
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.vi)	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.vii)	Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.viii)	Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.112b.a.1.ix)	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.113b.a.1)	Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.113b.a.3.i and ii)	(i) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or (ii) Visually inspect the vessel as specified in paragraph (a)(2) of this section.	

TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

EMISSION POINT NO / IDENTIFIER	APPLICABLE REQUIREMENT	COMPLIANCE METHOD/ PROVISION	NOTES
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.113b.a.5)	Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (a)(1) and (a)(4) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.	
T-L12	Storage of Volatile Organic Compounds. (LAC 33:III.2103.C) – Internal Floating Roof	Closure seals are present to close the space between the roof edge and tank wall. All tank gauging and sampling devices are gas tight.	
T-L12	Petroleum Storage Vessels. (40 CFR 60)	Exempt – Tank constructed before June 11, 1973.	
T-M13	Storage of Volatile Organic Compounds. (LAC 33:III.2103.C) – Internal Floating Roof	Closure seals are present to close the space between the roof edge and tank wall. All tank gauging and sampling devices are gas tight.	
T-M13	Petroleum Storage Vessels. (40 CFR 60)	Exempt – Tank constructed before June 11, 1973.	

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

EMISSION POINT NO / IDENTIFIER	APPLICABLE COMPLIANCE REQUIREMENT	MONITORING, REPORTING & RECORDKEEPING (MRR) METHOD/PROVISIONS	NOTES
T-A1, T-H8, and T-I9	LAC 33.III.2103.I.3	The date and reason for any maintenance and repair of the applicable control devices and the estimated quantity and duration of volatile organic compound emissions during such activities;	
T-A1, T-H8, and T-I9	Petroleum Storage Vessels Constructed Between June 11, 1973 and May 19, 1978. (40 CFR 60.113.a and b)	(a) Except as provided in paragraph (d) of this section, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period. (b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).	
T-B2, T-C3, T-D4, T-F6, and T-G7	LAC 33.III.2103.I.3	The date and reason for any maintenance and repair of the applicable control devices and the estimated quantity and duration of volatile organic compound emissions during such activities;	

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Claiborne Parish

TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.115b.a.1)	Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.115b.a.2)	Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).	
T-B2, T-C3, T-D4, T-F6, and T-G7	Petroleum Storage Vessels Constructed After July 23, 1984 with an internal floating roof. (40 CFR 60.115b.a.4)	After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.	
T-L12	LAC 33.III.2103.I.3	The date and reason for any maintenance and repair of the applicable control devices and the estimated quantity and duration of volatile organic compound emissions during such activities;	

TABLE 3: COMPLIANCE MONITORING DEVICES, ACTIVITIES, OR METHODS

T-M13	LAC 33.III.2103.I.3	The date and reason for any maintenance and repair of the applicable control devices and the estimated quantity and duration of volatile organic compound emissions during such activities;	
LR-1	LAC 33.III.2107	Exempt – Crude oil loading facility.	

Lisbon Processing, L.L.C.
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TABLE 4: COMPLIANCE TESTING REQUIREMENTS

EMISSION POINT NO / IDENTIFIER	APPLICABLE COMPLIANCE TEST METHOD	CRITERIA BEING TESTED	NOTES
T-A1	No methods listed.		
T-B2	No methods listed.		
T-C3	No methods listed.		
T-D4	No methods listed.		
T-F6	No methods listed.		
T-G7	No methods listed.		
T-H8	No methods listed.		
T-I9	No methods listed.		
T-L12	No methods listed.		
T-M13	No methods listed.		
LR-1	No methods listed.		

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Lisbon, Louisiana
Claiborne Parish

TABLE 5: EQUIPMENT LIST

EMISSION POINT NO / IDENTIFIER	DESCRIPTION	NOTES
T-A1	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1977).	Internal Floating Roof.
T-B2	Crude Oil Storage Tank (Cap = 20,000 BBLs, Const. 1989).	Internal Floating Roof.
T-C3	Crude Oil Storage Tank (Cap = 20,000 BBLs, Const. 1986).	Internal Floating Roof.
T-D4	Crude Oil Storage Tank (Cap = 5,000 BBLs, Const. 1987).	Internal Floating Roof.
T-F6	Crude Oil Storage Tank (Cap = 5,000 BBLs, Const. 1987).	Internal Floating Roof.
T-G7	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1986.)	Internal Floating Roof.
T-H8	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1973).	Internal Floating Roof.
T-I9	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1973).	Internal Floating Roof.
T-L12	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1948).	Internal Floating Roof.
T-M13	Crude Oil Storage Tank (Cap = 10,000 BBLs, Const. 1948).	Internal Floating Roof.
LR-1	Crude Oil Loading Rack.	Exempt – Crude Oil Loading Facility.

12 CERTIFICATION OF COMPLIANCE WITH APPLICABLE REQUIREMENTS

Statement for Applicable Requirements for Which the Source Is In Compliance

Based on information and belief, formed after reasonable inquiry, the company and facility referenced in this application is in compliance with and will continue to comply with all applicable requirements pertaining to the sources covered by the permit application, as outlined in Tables 1 and 2 in the permit application.

For requirements promulgated as of the date of this certification with compliance dates effective during the permit term, I further certify that the company and facility referenced in this application will comply with such requirements on a timely basis and will continue to comply with such requirements.

CERTIFICATION: I certify, under provisions in Louisiana and United States law which provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information contained in this Application for Approval of Emissions of Air Pollutants, including all attachments thereto and the compliance statement above, are true, accurate, and complete.

CERTIFICATION: I certify that the engineering calculations, drawings, and design are true and accurate to the best of my knowledge.

13 PERSONNEL

a. Responsible Official

Name James H. Ballengee		
Title Manager		
Company Lisbon Processing, L.L.C.		
Suite, mail drop, or division 205		
Street or P.O. Box 400 Spring St.		
City Shreveport	State LA	Zip 71101
Business phone 318.429.0271		

Signature of responsible official(s) (See 40 CFR 70.2)
Date 6.7.07
Date

b. Professional Engineer

Name Nathan C. Redwine		
Title Professional Engineer		
Company ALTEC Environmental Consultants, Inc.		
Suite, mail drop, or division		
Street or P.O. Box 2920 Truly Lane		
City Shreveport	State LA	Zip 71118
Business phone (318) 687-3771		

Signature of Professional Engineer Nathan C. Redwine, P.E.
Date June 6, 2007
Louisiana Registration No. 14165

Section 4.0

Emission Inventory Questionnaire

Department of Environmental Quality
Permits Division
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313
(225) 219-3181

LOUISIANA

Emission Inventory Questionnaire (EIQ)

for Air Pollutants

1 Please Type or Print	Company Name: Lisbon Processing, L.L.C.	☐ Owner ☒ Operator	For Permits Division Use Only
	Parent Company (if Company Name given above is a division)		
	Plant name (if any)		
	Nearest town: Lisbon — Parish where located: Claiborne		
	Agency Interest Number: 2108 — CDS Number:		

2 TYPE OF EIQ _X_ a. *ONLY* presently existing ___ b. *BOTH* proposed additional emissions associated with an emissions application for a permit, variance, or exemption *AND* presently existing emissions expected to be still existing after facility or modification described in application becomes operational

3 CONFIDENTIALITY If you are requesting confidentiality for all information *except air pollutant emission rates*, check ___box. (You must attach justification for confidentiality request)

4 ORGANIZATIONAL ACTIVITIES

Dates of week normally *NOT* operating: _ Mon _ Tue _ Wed _ Thu _ Fri _ Sat _ Sun
Days per year facility typically operates: 365
Peak production season (list months): Not seasonal
Daily operating schedule: X 24-hours OR specify number of hours:
Approximate number of employees at this location: 3
Details of facilities that, as a whole, operate intermittently: N/A

Ownership:
X corporation, partnership, or sole proprietorship _ regulated utility _ municipal government
_ state government _ federal government _ other, specify _____

Industrial category--Indicate Standard Industrial Classification (SIC) Code(s) that apply to facility:
5171 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Description of operation with emphasis on air pollution sources. Use attachments if more space is needed.
Volatile organic compound (VOC) emissions are generated from the storage of crude oil, working losses created when the tanks are filled and emptied, and the loading of crude oil into tanker trucks. The ten (10) large storage tanks present on the site all have internal floating roofs. The internal floating roofs have rubber vapor barriers that stays in contact with the tank walls as the tanks are filled and emptied. These vapor barriers are used to significantly reduce VOC and TAP emissions from the tanks. The total tons of VOCs emitted from the tanks were calculated using the TANKS 4.0 Program and the AP-42 standards for petroleum loading. As can be seen from the calculations, the total annual VOC and TAP emissions from the ten (10) storage tanks and loading rack are approximately ninety (90) tons.

5 SUMMARY OF EMISSIONS FOR ENTIRE PLANT AS A WHOLE
Rates given should correspond in most cases to the sum of the individual average allowable rates of the point sources listed on the Single Point Source/Area Source forms.

Pollutant Type	Emission Rate lbs/hr	Emission Rate tons/yr
a.Particulate (solids or liquids)		
b.Sulfur Dioxides		
c. Nitrogen Oxides		
d. Carbon Monoxide		
e. Volatile Organic Compounds		
Crude Oil Loading Rack – operates 4 / 7 / 52	112.31	81.76
Storage Tanks – operates 24 / 7 / 52	1.84	8.019
f. Toxic compounds regulated under LAC 33:III.Chapter 51		
Crude Oil Loading Rack – operates 4 / 7 / 52	4.27	3.107
Storage Tanks – operates 24 / 7 / 52	0.07	0.319
g. Facility Methane / Ethane		

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-A1	Tank A1	UTM zone no. ☒ 15 Horizontal coordinate 517760 mE ☐ 16 Vertical coordinate 3628514 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1977	10,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
a	N/A	N/A		25	25	25	25	24	7	52	N/A
b											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.17	0.26	0.758	3	A	N/A	ppm by vol
Hexane (-n)			0.0007	0.001	0.003	3	A	N/A	ppm by vol
Benzene			0.0010	0.0015	0.005	3	A	N/A	ppm by vol
Toluene			0.0017	0.0026	0.008	3	A	N/A	ppm by vol
Ethyl benzene			0.0007	0.001	0.003	3	A	N/A	ppm by vol
Xylene			0.0024	0.0036	0.011	3	A	N/A	ppm by vol
H2S			0.0017	0.0026	0.008	3	A	N/A	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-B2	Tank B2	UTM zone no. ☒ 15 Horizontal coordinate 517779 mE ☐ 16 Vertical coordinate 3628509 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1989	20,000 BBLs

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.208	0.312	0.908	3	A	N/A	ppm by vol
Hexane (-n)			0.0008	0.0012	0.004	3	A	N/A	ppm by vol
Benzene			0.0012	0.0018	0.005	3	A	N/A	ppm by vol
Toluene			0.0021	0.0032	0.009	3	A	N/A	ppm by vol
Ethyl benzene			0.0008	0.0012	0.004	3	A	N/A	ppm by vol
Xylene			0.0029	0.0044	0.013	3	A	N/A	ppm by vol
H2S			0.0021	0.0032	0.009	3	A	N/A	ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-C3	Tank C3	UTM zone no. ☒ 15 Horizontal coordinate 517772 mE ☐ 16 Vertical coordinate 3628465 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	N/A	N/A	N/A	1986	20,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft^3
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.219	0.328	0.956	3	A	N/A	ppm by vol
Hexane (-n)			0.0009	0.0014	0.004	3	A	N/A	ppm by vol
Benzene			0.0013	0.0020	0.006	3	A	N/A	ppm by vol
Toluene			0.0022	0.0033	0.010	3	A	N/A	ppm by vol
Ethyl benzene			0.0009	0.0014	0.004	3	A	N/A	ppm by vol
Xylene			0.0031	0.0047	0.013	3	A	N/A	ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-D4	Tank D4	UTM zone no. ☒ 15 Horizontal coordinate 517760 mE ☐ 16 Vertical coordinate 3628446 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1987	5,000 BBLs

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.146	0.219	0.637	3	A	N/A	ppm by vol
Hexane (-n)			0.0006	0.0009	0.003	3	A	N/A	ppm by vol
Benzene			0.0009	0.0014	0.004	3	A	N/A	ppm by vol
Toluene			0.0015	0.0023	0.006	3	A	N/A	ppm by vol
Ethyl benzene			0.0006	0.0009	0.003	3	A	N/A	ppm by vol
Xylene			0.0020	0.003	0.009	3	A	N/A	ppm by vol

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SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-F6	Tank F6	UTM zone no. ☒ 15 Horizontal coordinate 517788 mE ☐ 16 Vertical coordinate 3628446 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	N/A	N/A	N/A	1987	5,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft^3
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.146	0.219	0.637	3	A	N/A	ppm by vol
Hexane (-n)			0.0006	0.0009	0.003	3	A	N/A	ppm by vol
Benzene			0.0009	0.0014	0.004	3	A	N/A	ppm by vol
Toluene			0.0015	0.0023	0.006	3	A	N/A	ppm by vol
Ethyl benzene			0.0006	0.0009	0.003	3	A	N/A	ppm by vol
Xylene			0.0020	0.003	0.009	3	A	N/A	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (If any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-G7	Tank G7	UTM zone no. ☒ 15 Horizontal coordinate 517770 mE ☐ 16 Vertical coordinate 3628410 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	N/A	N/A	N/A	1986	10,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft^3
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.164	0.246	0.718	3	A	N/A	ppm by vol
Hexane (-n)			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Benzene			0.0010	0.0015	0.004	3	A	N/A	ppm by vol
Toluene			0.0016	0.0024	0.007	3	A	N/A	ppm by vol
Ethyl benzene			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Xylene			0.0023	0.0035	0.010	3	A	N/A	ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-H8	Tank H8	UTM zone no. ☒ 15 Horizontal coordinate 517825 mE ☐ 16 Vertical coordinate 3628419 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1973	10,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)		Operating Characteristics	Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
	Type of fuel	Heat Input (MM BTU/hr)		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
a	N/A	N/A		25	25	25	25	24	7	52	N/A
b											
c											

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.164	0.246	0.718	3	A	N/A	ppm by vol
Hexane (-n)			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Benzene			0.0010	0.0015	0.004	3	A	N/A	ppm by vol
Toluene			0.0016	0.0024	0.007	3	A	N/A	ppm by vol
Ethyl benzene			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Xylene			0.0023	0.0035	0.010	3	A	N/A	ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-19	Tank 19	UTM zone no. ☒ 15 Horizontal coordinate 517824 mE ☐ 16 Vertical coordinate 3628399 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1973	10,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.164	0.246	0.718	3	A	N/A	ppm by vol
Hexane (-n)			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Benzene			0.0010	0.0015	0.004	3	A	N/A	ppm by vol
Toluene			0.0016	0.0024	0.007	3	A	N/A	ppm by vol
Ethyl benzene			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Xylene			0.0023	0.0035	0.010	3	A	N/A	ppm by vol

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Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-L12	Tank L12	UTM zone no. ☒ 15 Horizontal coordinate 517854 mE ☐ 16 Vertical coordinate 3628378 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	1948	10,000 BBLs

Fuel

Type of fuel used and heat input (see instructions)		
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
									gr/std ft³
Particulate matter (PM_{10})									ppm by vol
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.286	0.429	1.250	3	A	N/A	ppm by vol
Hexane (-n)			0.0011	0.0017	0.005	3	A	N/A	ppm by vol
Benzene			0.0017	0.0026	0.007	3	A	N/A	ppm by vol
Toluene			0.0029	0.0044	0.012	3	A	N/A	ppm by vol
Ethyl benzene			0.0011	0.0017	0.005	3	A	N/A	ppm by vol
Xylene			0.0040	0.0060	0.017	3	A	N/A	ppm by vol

Department of Environmental Quality
Permits Division
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313
(225) 219-3181

LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
T-M13	Tank M13	UTM zone no. ☒ 15 Horizontal coordinate 517837 mE ☐ 16 Vertical coordinate 3628527 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft^2)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft^3/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft^2	N/A	N/A	N/A	1948	10,000 BBLs

Fuel

	Type of fuel used and heat input (see Instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	24	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft^3
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			0.164	0.246	0.718	3	A	N/A	ppm by vol
Hexane (-n)			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Benzene			0.0010	0.0015	0.004	3	A	N/A	ppm by vol
Toluene			0.0016	0.0024	0.007	3	A	N/A	ppm by vol
Ethyl benzene			0.0007	0.0011	0.003	3	A	N/A	ppm by vol
Xylene			0.0023	0.0035	0.010	3	A	N/A	ppm by vol

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LOUISIANA

SINGLE POINT/AREA/VOLUME SOURCE
Emission Inventory Questionnaire (EIQ)
for Air Pollutants

Company Name	Plant location and name (if any)	Date of submittal
Lisbon Processing, L.L.C.	Lisbon, Louisiana	6/5/07

Source ID number	Descriptive name of the equipment served by this stack or vent	Approximate location of stack or vent (see instructions on how to determine location of area sources)
LR-1	Crude Oil Loading Rack	UTM zone no. ☒ 15 Horizontal coordinate 517794 mE ☐ 16 Vertical coordinate 3628581 mN

Stack and Discharge Physical Characteristics [Change ☐yes☐no]	Height of Stack above grade (ft)	Diameter (ft) or stack discharge area (ft²)	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (ft³/min)	Stack gas exit velocity (ft/sec)	Date of construction/modification	Operating rate (Max) or tank capacity
	N/A	N/A ☐ ft ☐ ft²	N/A	N/A	N/A	N/A	24,528,000 gallons

Fuel

	Type of fuel used and heat input (see instructions)	
	Type of fuel	Heat Input (MM BTU/hr)
a	N/A	N/A
b		
c		

Operating Characteristics

Percent of annual throughput of pollutants through this emission point				Normal operating time of this point			Normal Operating Rate
Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/wk	wk/yr	
25	25	25	25	4	7	52	N/A

Air Pollutant Specific Information

Pollutant	Control Equipment Code	Control Equipment Efficiency	Emission Rate			Emission Estimation Method	Add, Change, or Delete Code	Concentration in gases exiting at stack	
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)				
Particulate matter (PM_{10})									gr/std ft³
Sulfur dioxide									ppm by vol
Nitrogen dioxide									ppm by vol
Carbon monoxide									ppm by vol
Total VOC (including those listed below)			112.31	168.46	81.761	3	A	N/A	ppm by vol
Hexane (-n)			0.4492	0.6738	0.327	3	A	N/A	ppm by vol
Benzene			0.6739	1.0109	0.491	3	A	N/A	ppm by vol
Toluene			1.1231	1.6847	0.818	3	A	N/A	ppm by vol
Ethyl benzene			0.4492	0.6738	0.327	3	A	N/A	ppm by vol
Xylene			1.5723	2.3585	1.145	3	A	N/A	ppm by vol

6 PERSONNEL

a. Manager of Facility on location at plant site

Name Paul Huff		
Title Facility Manager		
Company Lisbon Processing, L.L.C.		
Suite, mail drop, or division		
Street or P.O. Box 18647 Hwy 2		
City Lisbon	State LA	Zip 71048
Business phone (318) 353-1310		

b. Person to contact at site about air pollution control

Name
Title
Company
Suite, mail drop, or division
Business phone

c. Headquarters of other off-site contact (see instructions)

Name Karen W. Courtman		
Title Project Manager		
Company Lisbon Processing, L.L.C.		
Suite, mail drop, or division Suite 205		
Street or P.O. Box 800 Spring Street		
City Shreveport	State LA	Zip 71101
Business phone (318) 429-0271		

d. Person who prepared this report

__a __b __c X other (specify below)

Name Jody Thiemann		
Title Engineer		
Company ALTEC Environmental Consultants, Inc.		
Suite, mail drop, or division		
Street or P.O. Box 2920 Truly Lane		
City Shreveport	State LA	Zip 71118
Business phone (318) 687-3771		

CERTIFICATION: I certify, under provisions in Louisiana and United States law which provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information contained in this Emission Inventory Questionnaire (EIQ) for Air Pollutants, including all attachments thereto, are true, accurate, and complete.

Signature of responsible official(s) (See 40 CFR 70.2)
Date 6.7.07
Date

Figure 1

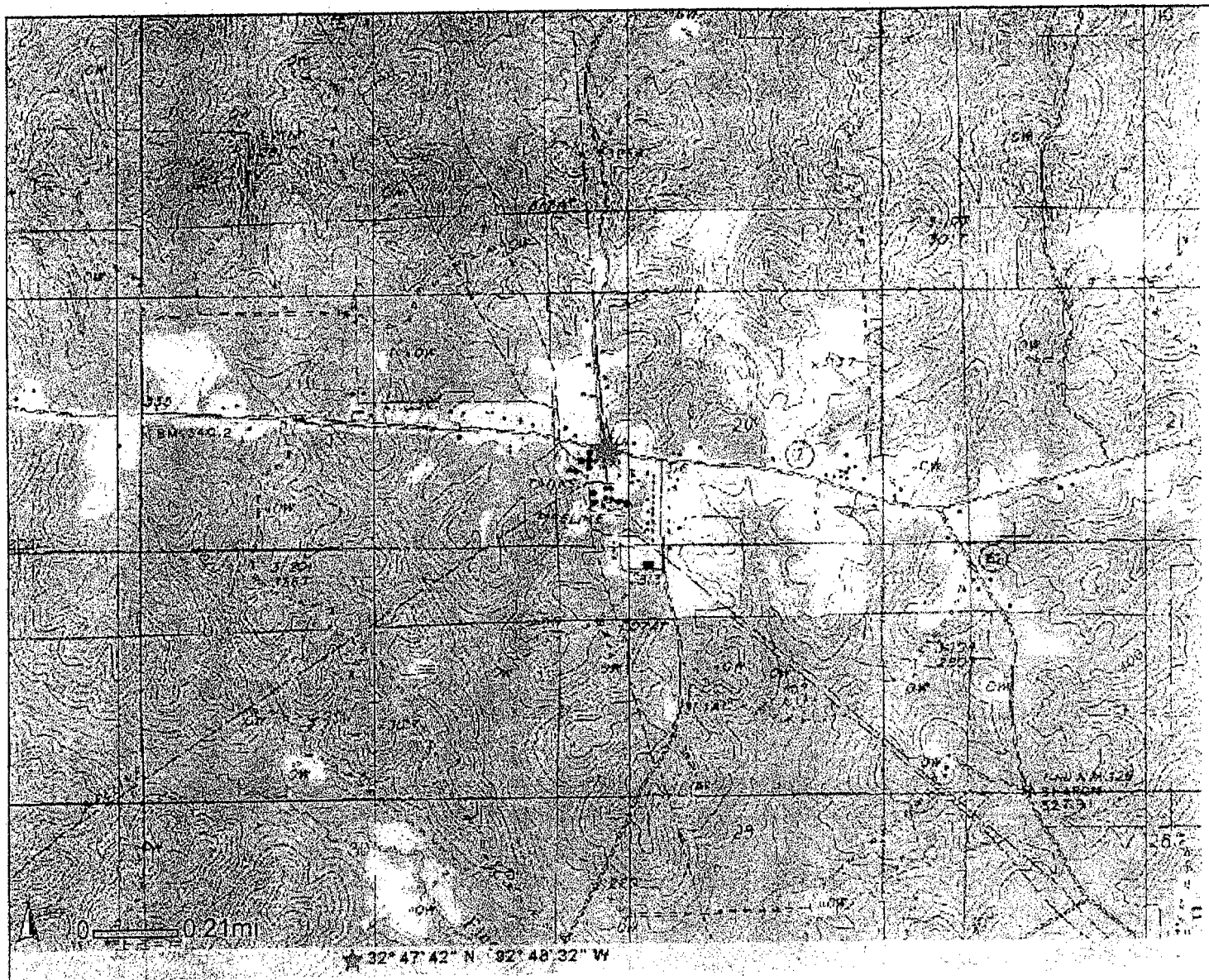
Site Location Maps

LDEQ Interactive Mapping

- LDOTD PARISHES
- LDOTD LA BOUNDARY
- DOQQ

March 29, 2007

LDEQ Disclaimer:
The Louisiana Department of Environmental Quality (LDEQ) has made every reasonable effort to ensure quality and accuracy in producing this map or data set. Nevertheless, the user should be aware that the information on which it is based may have come from any of a variety of sources, which are of varying degrees of map accuracy. Therefore, LDEQ cannot guarantee the accuracy of this map or data set, and does not accept any responsibility for the consequences of its use. Source: LDEQ GIS Center Make-A-Map (http://map.ldeq.org)



LDEQ Interactive Mapping

- LDOTD PARISHES
- LDOTD LA BOUNDARY
- State DRG 1:24k

March 29, 2007

LDEQ Disclaimer:
The Louisiana Department of Environmental Quality (LDEQ) has made every reasonable effort to ensure quality and accuracy in producing this map or data set. Nevertheless, the user should be aware that the information on which it is based may have come from any of a variety of sources, which are of varying degrees of map accuracy. Therefore, LDEQ cannot guarantee the accuracy of this map or data set, and does not accept any responsibility for the consequences of its use. Source: LDEQ GIS Center Make-A-Map (http://map.ldeq.org)

Figure 2

Plot Plan

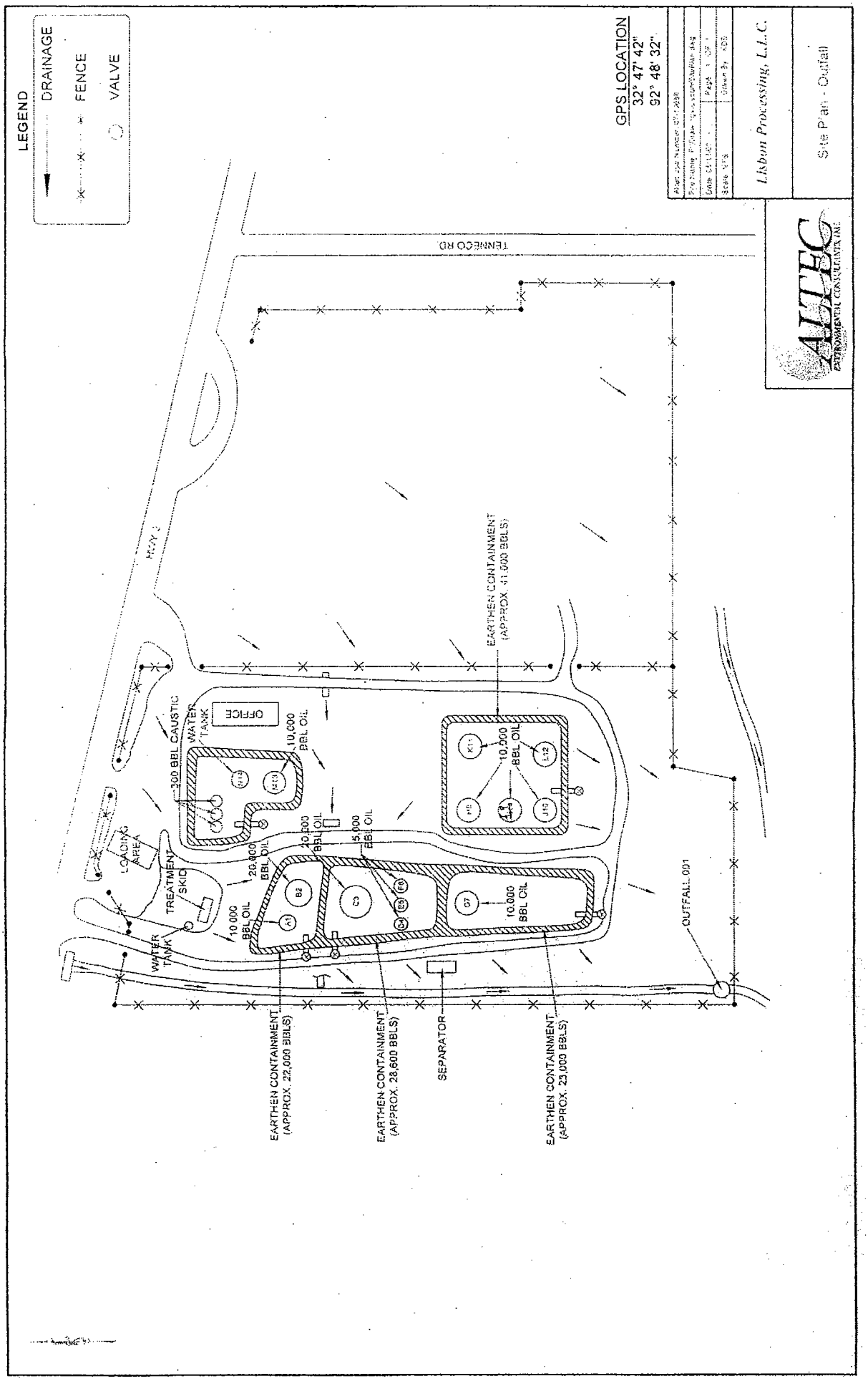

LEGEND
DRAINAGE
FENCE
VALVE
GPS LOCATION
32° 47' 42"
92° 48' 32"
Lisbon Processing, L.L.C.
Site Plan - Outfall
ALTEC
ENVIRONMENTAL CONSULTANTS, INC.
TENNECO RD
HWY 2
OFFICE
WATER TANK
300 BBL CAUSTIC
10,000 BBL OIL
20,000 BBL OIL
15,000 BBL OIL
LOADING AREA
TREATMENT SKID
WATER TANK
EARTHEN CONTAINMENT (APPROX. 41,000 BBLS)
EARTHEN CONTAINMENT (APPROX. 22,000 BBLS)
EARTHEN CONTAINMENT (APPROX. 28,600 BBLS)
SEPARATOR
EARTHEN CONTAINMENT (APPROX. 23,000 BBLS)
OUTFALL 001

Exhibit 1

Calculations

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Tank Emissions Calculations

Loading and Offloading Calculations							
Truck capacity	=	200	Barrels	=	8400	Gallons	
8 trucks/day	=	1600	Barrels	=	67200	Gallons	**Total**
4 LSR trucks/day	=	800	Barrels	=	**33600**	Gallons	
4 Geismer trucks/day	=	800	Barrels	=	**33600**	Gallons	

Tanks A1, B2, and C3 - Geismer Only						
Total gallons/yr	=	12264000	Gallons	=	6132000	per tank
Tank A1	=	10000	Barrels	=	420000	Gallons
Tank A1 turnovers/yr	=	14.6				
Tank B2	=	20000	Barrels	=	840000	Gallons
Tank B2 turnovers/yr	=	7.30				
Tank C3	=	20000	Barrels	=	840000	Gallons
Tank C3 turnovers/yr (Tanks A1 and B2 Flow to Tank C3)	=	14.6				

Tanks D4, F6, G7, H8, I9, L12, and M13 - Geismer and LSR (These Tanks Store LSR And Any Treated Geismer From Tank C3)						
Total gallons/yr	=	24528000	Gallons	=	3504000	per tank
Tank D4	=	5000	Barrels	=	210000	Gallons
Tank D4 turnovers/yr	=	16.69				
Tank F6	=	5000	Barrels	=	210000	Gallons
Tank F6 turnovers/yr	=	16.69				
Tank G7	=	10000	Barrels	=	420000	Gallons
Tank G7 turnovers/yr	=	8.34				
Tank H8	=	10000	Barrels	=	420000	Gallons
Tank H8 turnovers/yr	=	8.34				

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Tank Emissions Calculations

Tanks D4, F6, G7, H8, I9, L12, and M13 - Geismer and LSR - Continued						
Tank I9	=	10000	Barrels	=	420000	Gallons
Tank I9 turnovers/yr	=	8.34				
Tank L12	=	10000	Barrels	=	420000	Gallons
Tank L12 turnovers/yr	=	8.34				
Tank M13	=	10000	Barrels	=	420000	Gallons
Tank M13 turnovers/yr	=	8.34				

Lisbon Processing, L.L.C.
Lisbon, Louisiana
Loading Emissions

Loading Equation
Loading Losses - AP-42: 5.2.2.1.1
Emissions formula from loading petroleum liquid: $L_L = 12.46((SPM)/T)$
L_L = Loading loss; lbs/1000 gallions of liquid loaded.
S = Saturation factor (See Table 5.2-1).
P = True vapor pressure of liquid loaded, psia.
M = Molecular weight of vapors, pounds/pound-mole (See Table 7.1-2)
T = Tempurature of bulk liquid loaded, °R (°F + 460)

Loading Calculation			
S	=	0.6	Table 5.2-1 - Submerged loading: dedicated normal service
P	=	9.5	High vapor pressure = 13; Low vapor pressure = 6; Avg. = 9.5
M	=	50	Table 7.1-2 - Crude oil
T	=	532.66 (72.66 °F)	Avg. liquid surface temperature from TANKS program for Shreveport, La
L_L	=	12.46 ((0.6 * 9.5 * 50) / 532.66) = 6.667 lbs/1000 gals	
Tanker truck	=	8400 gallons	
Pounds emitted per truck loaded	=	56.001 pounds	
8 trucks loaded per day (365 days per year)	=	163521.535 pounds per year	
	=	81.761 tons per year	

Lisbon Processing, L.L.C.
Lisbon, Louisiana
TAP Emissions

Total TAP Speciation

TAP speciation was used from the speciation numbers given by the TANKS program

Hexane (-n)	0.4%	x	89.779	=	0.359	tons
Benzene	0.6%	x	89.779	=	0.539	tons
Toluene	1.0%	x	89.779	=	0.898	tons
Ethylbenzene	0.4%	x	89.779	=	0.359	tons
Xylene	1.4%	x	89.779	=	1.257	tons
			Total	=	3.412	tons

Total tons of VOCs	=	8.019 (tanks)	+	81.76 (loading)	=	89.779	tons

Hydrogen Sulfide speciation was used from viewing multiple MSDS sheets for crude oil
Only found in Tanks A1 and B2 - remaining Tanks hold low sulfur crude oil or have been processed w/ caustic

H2S	1.0%	=	0.017	tons			
Total tons of VOCs (Tanks A1 and B2)	=	0.758 (Tank A1)	+	0.908 (Tank B2)	=	1.665	tons
Total TAPs	=	3.428	tons				

TAP Speciation for Tank A1

Total tons of VOCs	=	0.758						lb/hr
Hexane (-n)	0.4%	x	0.758	=	0.003	tons	=	0.0007
Benzene	0.6%	x	0.758	=	0.005	tons	=	0.0010
Toluene	1.0%	x	0.758	=	0.008	tons	=	0.0017
Ethylbenzene	0.4%	x	0.758	=	0.003	tons	=	0.0007
Xylene	1.4%	x	0.758	=	0.011	tons	=	0.0024
H2S	1.0%	x	0.758	=	0.008	tons	=	0.0017
			Total	=	0.036			

Lisbon Processing, L.L.C.
Lisbon, Louisiana
TAP Emissions

TAP Speciation for Tank B2								
Total tons of VOCs	=	0.908						
								lb/hr
Hexane (-n)	0.4%	x	0.908	=	0.004	tons	=	0.0008
Benzene	0.6%	x	0.908	=	0.005	tons	=	0.0012
Toluene	1.0%	x	0.908	=	0.009	tons	=	0.0021
Ethylbenzene	0.4%	x	0.908	=	0.004	tons	=	0.0008
Xylene	1.4%	x	0.908	=	0.013	tons	=	0.0029
H2S	1.0%	x	0.908	=	0.009	tons	=	0.0021
			Total	=	0.044			

TAP Speciation for Tank C3								
Total tons of VOCs	=	0.956						
								lb/hr
Hexane (-n)	0.4%	x	0.956	=	0.004	tons	=	0.0009
Benzene	0.6%	x	0.956	=	0.006	tons	=	0.0013
Toluene	1.0%	x	0.956	=	0.010	tons	=	0.0022
Ethylbenzene	0.4%	x	0.956	=	0.004	tons	=	0.0009
Xylene	1.4%	x	0.956	=	0.013	tons	=	0.0031
			Total	=	0.036			

TAP Speciation for Tank D4								
Total tons of VOCs	=	0.637						
								lb/hr
Hexane (-n)	0.4%	x	0.637	=	0.003	tons	=	0.0006
Benzene	0.6%	x	0.637	=	0.004	tons	=	0.0009
Toluene	1.0%	x	0.637	=	0.006	tons	=	0.0015
Ethylbenzene	0.4%	x	0.637	=	0.003	tons	=	0.0006
Xylene	1.4%	x	0.637	=	0.009	tons	=	0.0020
			Total	=	0.024			

Lisbon Processing, L.L.C.
Lisbon, Louisiana
TAP Emissions

TAP Speciation for Tank F6								
Total tons of VOCs	=	0.637						
								lb/hr
Hexane (-n)	0.4%	x	0.637	=	0.003	tons	=	0.0006
Benzene	0.6%	x	0.637	=	0.004	tons	=	0.0009
Toluene	1.0%	x	0.637	=	0.006	tons	=	0.0015
Ethylbenzene	0.4%	x	0.637	=	0.003	tons	=	0.0006
Xylene	1.4%	x	0.637	=	0.009	tons	=	0.0020
			Total	=	0.024			

TAP Speciation for Tank G7								
Total tons of VOCs	=	0.718						
								lb/hr
Hexane (-n)	0.4%	x	0.718	=	0.003	tons	=	0.0007
Benzene	0.6%	x	0.718	=	0.004	tons	=	0.0010
Toluene	1.0%	x	0.718	=	0.007	tons	=	0.0016
Ethylbenzene	0.4%	x	0.718	=	0.003	tons	=	0.0007
Xylene	1.4%	x	0.718	=	0.010	tons	=	0.0023
			Total	=	0.027			

TAP Speciation for Tank H8								
Total tons of VOCs	=	0.718						
								lb/hr
Hexane (-n)	0.4%	x	0.718	=	0.003	tons	=	0.0007
Benzene	0.6%	x	0.718	=	0.004	tons	=	0.0010
Toluene	1.0%	x	0.718	=	0.007	tons	=	0.0016
Ethylbenzene	0.4%	x	0.718	=	0.003	tons	=	0.0007
Xylene	1.4%	x	0.718	=	0.010	tons	=	0.0023
			Total	=	0.027			

Lisbon Processing, L.L.C.
Lisbon, Louisiana
TAP Emissions

TAP Speciation for Tank I9								
Total tons of VOCs	=	0.718						
								lb/hr
Hexane (-n)	0.4%	x	0.718	=	0.003	tons	=	0.0007
Benzene	0.6%	x	0.718	=	0.004	tons	=	0.0010
Toluene	1.0%	x	0.718	=	0.007	tons	=	0.0016
Ethylbenzene	0.4%	x	0.718	=	0.003	tons	=	0.0007
Xylene	1.4%	x	0.718	=	0.010	tons	=	0.0023
			Total	=	0.027			

TAP Speciation for Tank L12								
Total tons of VOCs	=	1.250						
								lb/hr
Hexane (-n)	0.4%	x	1.250	=	0.005	tons	=	0.0011
Benzene	0.6%	x	1.250	=	0.007	tons	=	0.0017
Toluene	1.0%	x	1.250	=	0.012	tons	=	0.0029
Ethylbenzene	0.4%	x	1.250	=	0.005	tons	=	0.0011
Xylene	1.4%	x	1.250	=	0.017	tons	=	0.0040
			Total	=	0.047			

TAP Speciation for Tank M13								
Total tons of VOCs	=	0.718						
								lb/hr
Hexane (-n)	0.4%	x	0.718	=	0.003	tons	=	0.0007
Benzene	0.6%	x	0.718	=	0.004	tons	=	0.0010
Toluene	1.0%	x	0.718	=	0.007	tons	=	0.0016
Ethylbenzene	0.4%	x	0.718	=	0.003	tons	=	0.0007
Xylene	1.4%	x	0.718	=	0.010	tons	=	0.0023
			Total	=	0.027			

Lisbon Processing, L.L.C.
Lisbon, Louisiana
TAP Emissions

TAP Speciation for Loading								
Total tons of VOCs	=	81.761						
								lb/hr
Hexane (-n)	0.4%	x	81.761	=	0.327	tons	=	0.4492
Benzene	0.6%	x	81.761	=	0.491	tons	=	0.6739
Toluene	1.0%	x	81.761	=	0.818	tons	=	1.1231
Ethylbenzene	0.4%	x	81.761	=	0.327	tons	=	0.4492
Xylene	1.4%	x	81.761	=	1.145	tons	=	1.5723
			Total	=	3.107			

TANKS 4.0
Emissions Report - Summary Format
Total Emissions Summaries - All Tanks in Report

Annual Emissions Report

Tank Identification				Losses (lbs)
Lisbon (8) - Tank A1	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,515.96
Lisbon (8) - Tank B2	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,815.02
Lisbon (8) - Tank C3	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,912.77
Lisbon (8) - Tank D4	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,274.69
Lisbon (8) - Tank F6	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,274.69
Lisbon (8) - Tank G7	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,436.22
Lisbon (8) - Tank H8	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,436.22
Lisbon (8) - Tank I9	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,436.22
Lisbon (8) - Tank L12	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	2,499.68
Lisbon (8) - Tank M13	Lisbon Processing, L.L.C.	Internal Floating Roof Tank	Shreveport, Louisiana	1,436.22
Total Emissions for all Tanks:				16,037.69

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank A1
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	10,000 BBL Geismer

Tank Dimensions

Diameter (ft):	45.00
Volume (gallons):	420,000.00
Turnovers:	14.60
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.68	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	508.25	130.34	877.37	0.00	1,515.96

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank B2
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	20,000 BBL Geismer

Tank Dimensions

Diameter (ft):	60.00
Volume (gallons):	840,000.00
Turnovers:	7.30
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	17
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	677.67	97.75	1,039.60	0.00	1,815.02

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank C3
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	20,000 BBL Treated Geismer

Tank Dimensions

Diameter (ft):	60.00
Volume (gallons):	840,000.00
Turnovers:	14.60
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	17
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	677.67	195.50	1,039.60	0.00	1,912.77

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank D4
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	5,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	33.50
Volume (gallons):	210,000.00
Turnovers:	16.69
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	11
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	378.36	100.07	796.26	0.00	1,274.69

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank F6
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	5,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	33.50
Volume (gallons):	210,000.00
Turnovers:	16.69
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	11
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	378.36	100.07	796.26	0.00	1,274.69

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank G7
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	10,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	42.50
Volume (gallons):	420,000.00
Turnovers:	8.34
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	480.01	78.83	877.37	0.00	1,436.22

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank H8
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	10,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	42.50
Volume (gallons):	420,000.00
Turnovers:	8.34
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	480.01	78.83	877.37	0.00	1,436.22

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	480.01	78.83	877.37	0.00	1,436.22

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank L12
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	10,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	45.00
Volume (gallons):	420,000.00
Turnovers:	8.34
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	None

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	1,547.85	74.45	877.37	0.00	2,499.68

TANKS 4.0
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Lisbon (8) - Tank M13
City:	Shreveport
State:	Louisiana
Company:	Lisbon Processing, L.L.C.
Type of Tank:	Internal Floating Roof Tank
Description:	10,000 BBL LSR/Treated Geismer

Tank Dimensions

Diameter (ft):	42.50
Volume (gallons):	420,000.00
Turnovers:	8.34
Self Supp. Roof? (y/n):	Y
No. of Columns:	0.00
Eff. Col. Diam. (ft):	0.00

Paint Characteristics

Internal Shell Condition:	Light Rust
Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Rim-Seal System

Primary Seal:	Vapor-mounted
Secondary Seal:	Rim-mounted

Deck Characteristics

Deck Fitting Category:	Typical
Deck Type:	Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Shreveport, Louisiana (Avg Atmospheric Pressure = 14.62 psia)

TANKS 4.0
Emissions Report - Summary Format
Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F) Avg.	Min.	Max.	Liquid Bulk Temp. (deg F)	Vapor Pressures (psia) Avg.	Min.	Max.	Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Crude Oil (RVP 10)	All	72.66	63.18	82.14	67.41	9.5026	N/A	N/A	50.0000			207.00	Option 4: RVP=10.3

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

	Losses(lbs)				
Components	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Crude Oil (RVP 10)	480.01	78.83	877.37	0.00	1,436.22

Exhibit 2

Completeness Checklist

PERMIT APPLICATION COMPLETENESS CHECKLIST

Date: June 5, 2007
Facility: Lisbon Processing, L.L.C.
Facility ID Number: Initial Permit Agency Interest No: 2108
Application Type: (X) Initial Submission ( ) Minor Modification/Renewal* ( ) Significant Modification*
*Existing Air Permit Number: Initial Permit

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	NA	Location Within the Permit Application
517.A Timely Submittal	For Initial Applications, was a copy of the Application also Submitted to EPA?			X	Not Title V
517.B.1,2 Certification	Does the Application include a Certification by a Responsible Official?	X			Section 3.0 and 4.0
517.B.3 Certification	Does the Application Include Certification by a Professional Engineer or their Designee:	X			Section 3.0
517.D.1 Identifying Information	Does the Application Include:				
	1. Company Name, Physical and Mailing Address of Facility?	X			Section 3.0 and 4.0
	2. Map showing Location of the Facility?	X			Figures
	3. Owner and Operator Names and Agent?	X			Section 3.0
	4. Name and Telephone Number of Plant Manager or Contact?	X			Section 4.0
517.D.2 SIC Codes, Source Categories	Does the Application Include a Description of the Source's Processes and Products, including SIC code, and	X			Section 2.0 and 4.0
	EPA Source Category of HAPs if applicable?			X	
517.D.3,6 EIQ Sheets	Has an EIQ Sheet been Completed for each Emission Point whether an Area or Point Source?	X			Section 3.0
517.D.4 Monitoring Devices	Does the Application Include Identification and Description of Compliance Monitoring Devices or Activities?	X			Section 3.0 Table 3

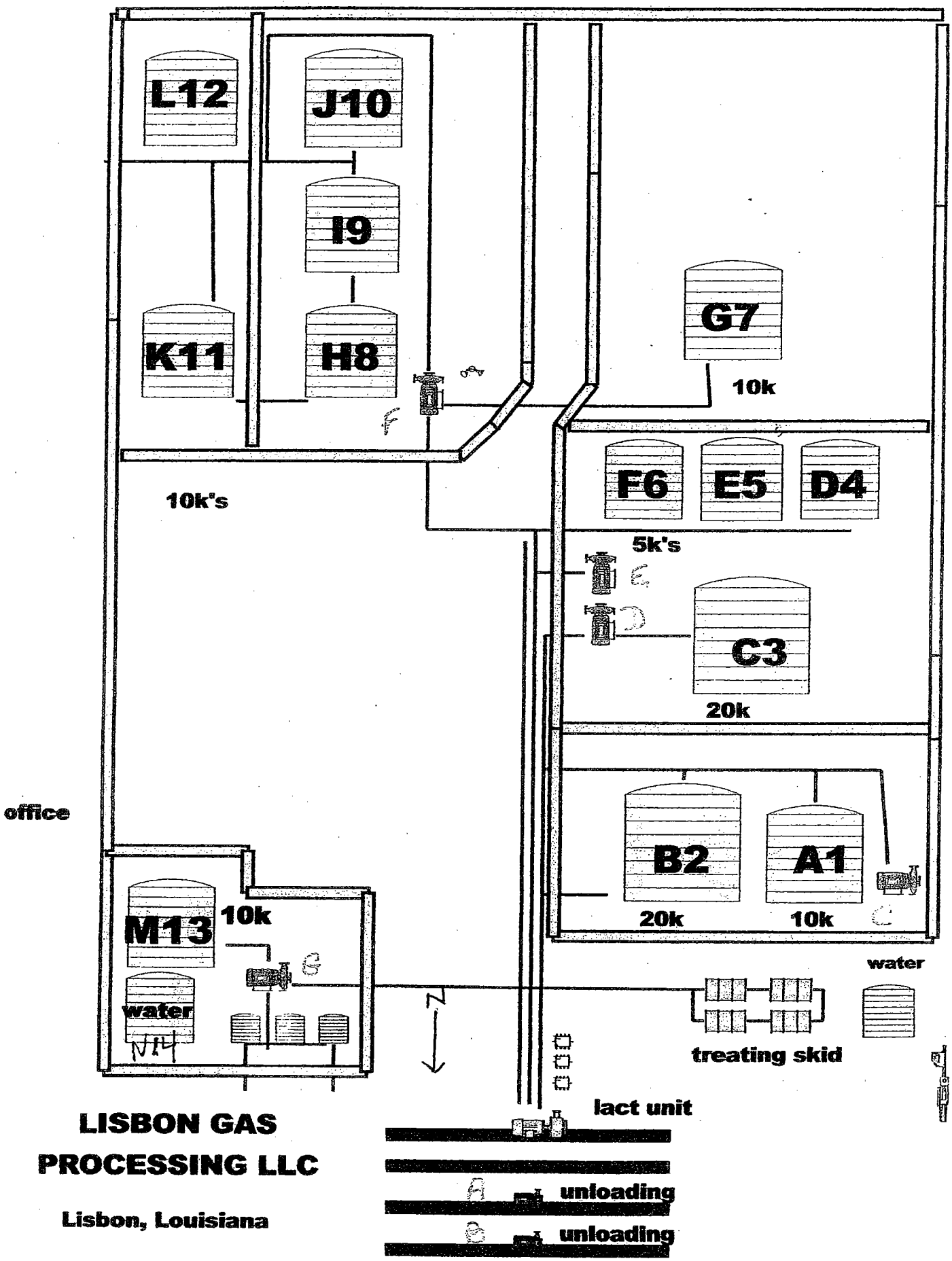
LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	NA	Location Within the Permit Application
517.D.5 Revisions and Modifications Only	For Revisions or Modifications, Does the Application include a Description of the Proposed Change and any Resulting Change in Emissions?			X	Initial Permit
517.D.7 General Information	Does the Application Include Information Regarding Fuels, Fuel Use, Raw Materials, Production Rates, and Operating Schedules as necessary to substantiate emission rates?			X	
517 D.8 Operating Limitations	Has Information Regarding any Limitations on Source Operation or any Applicable Work Practice Standards been Identified?			X	
517.D.9 Calculations	Are Emission Calculations Provided?	X			Exhibit 1
517.D.10 Regulatory Review	Does the Application Include a Citation and Description of Applicable Louisiana and Federal Air Quality Requirements and Standards?	X			Section 3.0 Tables 1 and 2
517.D.11 Test Methods	Has a Description of or a Reference to Applicable Test Methods Used to Determine Compliance with Standards been Provided?			X	
517.D.12 Major Sources of TAPs	Does the Application include Information Regarding the Compliance History of Sources Owned or Operated by the Applicant (per LAC 33.III.5111)?		X		
517.D.13 Major Sources of TAPs	Does the Application include a Demonstration to show that the Source Meets all Applicable MACT and Ambient Air Standard Requirements?			X	
517.D.14 PSD Sources Only	If Required by DEQ, Does the Application Include Information Regarding the Ambient Air Impact for Criteria Pollutants as Required for the Source Impact Analysis per LAC 33:III.509.K, L, and M?			X	
517 D.15 PSD Sources Only	If Required by DEQ, Does the Application Include a Detailed Ambient Air Analysis?			X	
517.D.16, 18	Has any Additional Information been Provided?			X	
517.D.17 Fees	Has the Fee Code been Identified?	X			Section 3.0
	Is the Applicable Fee Included with the Application?	X			
517.E.1 Additional Part 70 Requirements	Does the Certification Statement Include a Description of the Compliance Status of Each Emission Point in the Source with All Applicable Requirements?	X			Section 3.0
517E.2 Additional Part 70 Requirements	Does the Certification Statement Include a Statement that the Source will continue to Comply with All Applicable Requirements with which the Source is in Compliance?	X			Section 3.0
517.E.3 Additional Part 70 Requirements	Does the Certification Statement Include a Statement that the Source will, on a timely basis, meet All Applicable Requirements that will Become Effective During the Permit Term?	X			Section 3.0

LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	NA	Location Within the Permit Application
517.E.4 Additional Part 70 Requirements	Are there Applicable Requirements for which the Source is not in Compliance at the Time of Submittal?		X		
	Does the Application include a Compliance Plan Schedule?			X	
	Does the Schedule Include Milestone Dates for which Significant Actions will occur?			X	
	Does the Schedule Include Submittal Dates for Certified Progress Reports?			X	
517.E.5 Additional Part 70 Requirements Acid Rain	Is this Source Covered by the Federal Acid Rain Program?		X		
	Are the Requirements of LAC 33.III.517.E 1-4 included in the Acid Rain Portion of the Compliance Plan?			X	
517.E.6 Additional Part 70 Requirements	Have any Exemptions from any Applicable Requirements been Requested?		X		
	Is the List and explanations Provided?			X	
517.E.7 Additional Part 70 Requirements	Does the Application Include a Request for a Permit Shield?		X		
	Does the Request List those Federally Applicable Requirements for which the Shield is Requested along with the Corresponding Draft Permit Terms and conditions which are Proposed to Maintain Compliance?			X	
517.E.8 Additional Part 70 Requirements	Does the Application Identify and Reasonably Anticipated Alternative Operating Scenarios?		X		
	Does the Application include Sufficient Information to Develop permit Terms and Conditions for Each Scenario, Including Source Process and Emissions Data?			X	
517.F Confidentiality	Does the Application Include a Request for Non-Disclosure (Confidentiality)?		X		
525.B. Minor Permit Modifications	Does the Application Include a Listing of New Requirements Resulting for the Change?			X	
	Does the Application Include Certification by the Responsible Official that the Proposed Action Fits the Definition of a Minor Modification as per LAC 33:III.525.A.			X	
	Does the Certification also Request that Minor Modification Procedures be Used?			X	

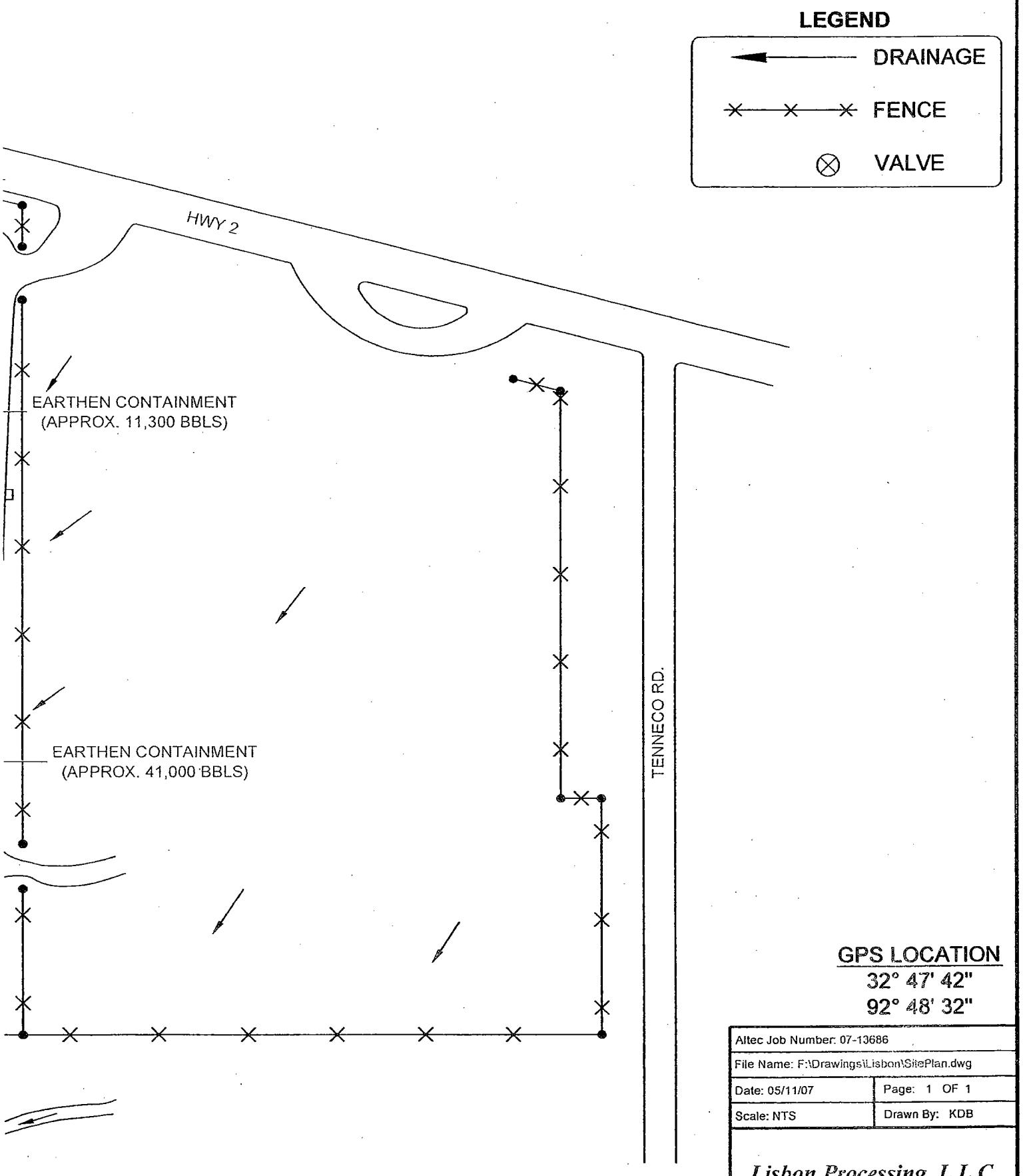
LAC 33:III.	Completeness Questions Relative to the Part 70 Permit Application	Yes	No	NA	Location Within the Permit Application
	Does the Application, for Part 70 Sources, Include the Owner's Suggested Draft Permit and Completed Forms for the Permitting Authority to Use to Notify Affected States?			X	

Attachment E

ATTACHMENT E



4



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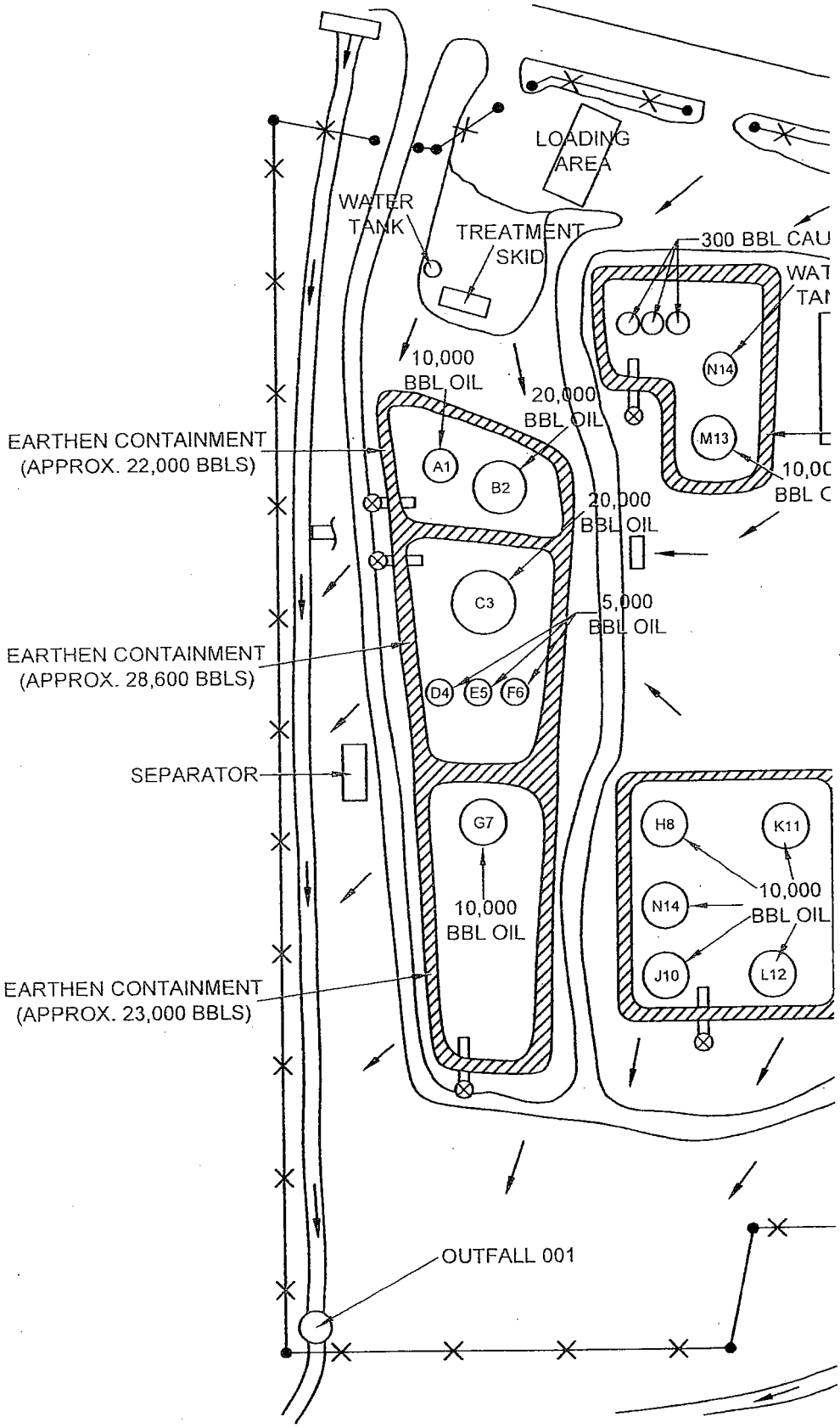
Scale: NTS	Drawn By: KDB

Lisbon Processing, L.L.C.

ALTEC

Site Plan - Outfall


LOADING AREA
WATER TANK
TREATMENT SKID
300 BBL CAU
WAT
TAI
10,000 BBL OIL
20,000 BBL OIL
EARTHEN CONTAINMENT (APPROX. 22,000 BBLS)
A1
B2
N14
M13
10,0C
BBL C
20,000 BBL OIL
C3
5,000 BBL OIL
EARTHEN CONTAINMENT (APPROX. 28,600 BBLS)
D4
E5
F6
SEPARATOR
G7
10,000 BBL OIL
H8
K11
10,000
N14
BBL OIL
J10
L12
EARTHEN CONTAINMENT (APPROX. 23,000 BBLS)
OUTFALL 001

Attachment F

ɔuis Dreyfus Olefins LLC
34 Highway 75
›nar, LA 70734

(COL. 1) 4

tank truck order direct manifest bill of lading

No. 05048

ATTACHMENT F

NSIGNED TO: (COLS. 2-10)
Taylor
Lisbon, LA

LOADING TIME	MO.	DAY	YR.	CUST. ORDER NO.
(COLS 11-16)	06	16	07	LDGASO 05048
STARTED	11:00 AM			SEAL NUMBERS
FINISHED	12:13 PM			FROM
SHIP	☐ P.P.D		☐ COL.	THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	LPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP	ADJUSTMENT FACT.
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ ______ BUTANE									
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)									
RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	9000	8741.09	A	14.52	.6592	10,000	90%	70°	

208.12 BLS.

	DATE	DATE
82617	TRAILER NO. 34	CARRIER Taylor

TANK PRESSURE BEFORE LOADING: 0 / 0

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

AL INSTRUCTIONS

LEAKS

ETHYL MERCAPTAN — INITIAL — C.C.S.

CC NO.

R Don [signature] — RECEIVING DRIVER x Roger Harris [signature]

GROSS WT. 77260

ier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as d by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per ______

Dreyfus Olefins LLC — SHIPPER — PER Don [signature]

TARE WT. 29220

ED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

R — PER x Roger Harris [signature]

NET WT. 48040

VED AT DESTINATION
R PLANT

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

TAYLOR PROPANE GAS, INC.

P.O. BOX 438
Winnsboro, TX 75494
903-342-1300

DOT # 236068
ICC # MC 241655

EMERGENCY CONTACT 1-800-424-9300

☐ Natural Gasoline, NOS, Flammable Liquid, UN1203, PG II
☐ PETROLEUM CRUDE OIL, 3, UN 1267, PG III
☐ HYDROCARBON LIQUID N.O.S., 3, UN 3295, PG II

[redacted]

OPERATOR ON FIELD LOCATION: Louis Dreyfus Oldsmar LLC	LEASE NO.
LEASE OR COMPANY NAME: Geismar Plant	STATION NO.
FOR ACCOUNT OF: Taylor Propane	STATION NAME: Lisbon Sdo
LEASE LEGAL DESC.	COUNTY / STATE
NAME OF RECEIVER: Taylor	TYPE OF FACILITY

FED/INDIAN LEASE NO.	DRIVER NO.	TRACTOR NO.	TRAILER NO.
	809911	82617	34

TANK NO.	TANK SIZE	PRODUCT	GAUGER NO.
		Gasoline	

OBS GRAVITY	OBS TEMP. °F	S & W %	DATE	TICKET NO.
			6/16/07	68410

GAUGE	OIL TEMP	OIL LEVELS FEET	INCH	ORT	TANK TABLE BARRELS	TANK BOTTOMS	REMARKS OR CALCULATIONS
HIGH	°F					INCHES	
LOW	°F						
TOTAL BARRELS →					208.12		
°API TRUE GRAVITY		NET BARRELS →					

METER

TRANSACTION NO.	METER NO.	☒ GALLONS ☐ BARRELS	10THS

OFF / ON

AVG. METER PRESS	METER FACTOR	METERED BARRELS

TEMP COMPENSATED ☐ YES ☐ NO	AVG. LINE TEMP. °F	COMPRESSIBILITY FACTOR	NET BARRELS

ON	GAUGER: Greg Williams	TIME: M
	OPERATORS WITNESS OR WAIVER NO.	SEAL OFF
OFF	GAUGER: Greg Williams	TIME: M DATE: 6/16/07
	OPERATORS WITNESS OR WAIVER NO.	SEAL ON

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF
TAYLOR PROPANE GAS CO., INC.

TICKET HASH

3.PRODUCER'S COPY

FORM NO. 240499

GAS A

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
6/15/2007 7:59:30 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11765.D
Sample log number:GE070613001 ->

Specific gravity (60:60): .6592

Vapor pressure (psi): 14.81

#	Ret.Time	Area	Compound Name	Wt.%
1	2.030	20.245	IsoButane	0.0177
2	0.000	0.000	t-2-Butane	0.0000
3	4.490	375.025	n-Butane	0.3275
4	4.775	211.050	1-Butane	0.1843
5	5.095	172.355	IsoButane	0.1505
6	6.157	1600.383	c-2-Butane	1.3977
7	6.879	35314.207	Isopentane	30.8413
8	7.353	4928.526	1-Pentene	4.3043
9	7.549	4870.111	2-methyl-1-butene	4.2533
10	7.682	19830.432	n-Pentane	17.3187
11	12.443	47180.520	Hexanes Plus	41.2047

Louis Dreyfus Olefins, LLC
Sulfur Analysis
6/16/2007 12:56:18 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19387.D
Sample log number:GE070615001 ->

#	Compound Name	wt ppm	Area	Meas. R
1	[illegible]	[illegible]	[illegible]	[illegible]
2	carbonyl sulfide	0.0000	0.000	0.000
3		0.0000	1.677e3	1.838
4	methyl mercaptan	17.8987	7.466e3	2.006
5	ethyl mercaptan	1913.8065	4.870e5	3.159
6	diMethyl sulfide	701.8733	7.450e4	3.541
7		0.0000	1.989e4	3.690
8		0.0000	3.498e3	4.011
9		0.0000	3.940e5	4.413
10		0.0000	2.231e4	5.232
11		0.0000	5.797e3	5.338
12		0.0000	3.112e5	5.676
13	ethylmethylsulfide	441.2538	3.741e4	5.826
14		0.0000	2.261e3	5.973
15	Thiophene	3030.7947	4.422e5	7.226
16		0.0000	4.877e4	7.495
17	diEthyl sulfide	143.1330	1.020e4	8.061
18		0.0000	5.757e4	8.373
19	nbutyl mercaptan	23.2015	2.609e3	8.514
20		0.0000	1.424e3	8.684
21	Dimethyldisulfide	1848.1649	1.929e5	9.110
22		0.0000	3.202e3	9.364
23		0.0000	8.328e3	9.464
24		0.0000	1.850e4	9.622
25		0.0000	3.052e5	9.860
26	2-methyl-1-butanethiol	1854.3261	1.961e5	10.024
27	3-methyl-1-butanethiol	87.8602	9.179e3	10.231
28		0.0000	2.178e4	10.619
29	1-pentanethiol	140.0805	9.565e3	10.865
30		0.0000	1.284e5	11.276
31		0.0000	6.143e3	11.473
32		0.0000	3.738e4	11.634
33		0.0000	7.589e4	12.005
34		0.0000	8.058e4	12.107
35		0.0000	1.116e5	12.264
36		0.0000	1.331e5	12.515
37		0.0000	2.589e4	12.837
38	ditertbutylsulfide	164.3384	4.976e3	12.949
39	Diethyldisulfide	1197.7697	6.467e4	13.145
40		0.0000	4.124e4	13.359
41		0.0000	3.446e3	13.538
42		0.0000	2.975e3	13.698
43		0.0000	6.709e4	13.992
44		0.0000	3.397e4	14.239
45	disecbutylsulfide	426.8143	2.329e4	14.441
46	diisobutylsulfide	193.8503	9.061e3	14.689
47		0.0000	3.366e4	15.026
48		0.0000	1.129e5	15.281
49		0.0000	1.428e5	15.494
50		0.0000	1.343e4	15.614
51		0.0000	1.194e3	15.992
52		0.0000	4.156e3	16.168
53	dinbutylsulfide	36.2789	1.550e3	16.283
54		0.0000	3.353e3	16.409
55		0.0000	7.791e3	16.533

#	Compound Name	wt ppm	Area	Meas. R
56		0.0000	5.694e3	16.409
57		0.0000	1.064e4	16.529
58		0.0000	7.341e4	16.650
59	DiPropyldisulfide	2441.0932	7.546e4	16.744
60		0.0000	1.685e3	16.985
61		0.0000	9.825e4	17.152
62		0.0000	2.035e4	17.458
63		0.0000	4.861e3	17.729
64		0.0000	2.400e3	17.851
65		0.0000	4.543e3	17.960
66		0.0000	3.450e4	18.147
67		0.0000	6.335e3	18.336
68		0.0000	2.555e4	18.475
69		0.0000	1.346e4	18.633
70		0.0000	4.466e3	18.972
71		0.0000	6.247e3	19.119
72		0.0000	4.759e3	19.260
73		0.0000	9.239e3	19.714
74		0.0000	2.245e3	19.881
75		0.0000	2.596e3	20.162
76		0.0000	5.984e3	20.334
77		0.0000	3.135e3	20.718
78		0.0000	3.157e3	21.084
79	Dibutyldisulfide	0.0000	0.000	0.000
----Total known sulfur cmpds----------		15331.2264		

Total Known Sulfur:	5485.088
Total Unknown Sulfur Compounds:	5507.657
Total Unknown Sulfur:	2446.411
Total Sulfur:	7931.499

Timothy Beary

uis Dreyfus Olefins LLC
I Highway 75
ar, LA 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

No. 05020

ASSIGNED TO: (COLS. 2-10)
-OTTSON

ishon, La.

LOADING TIME	MO.	DAY	YR.
(COLS. 11-16)	6	13	07
STARTED	1:35 AM		
FINISHED	2:35 PM		
SHIP ☐ P.P.D ☐ COL.			

CUST. ORDER NO: LDGAS05020
SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP	ADJUSTMENT FACT
IQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
ammable Liquids (Natural asoline), n.o.s., 3, UN 1993, PG I,) (Benzene)									
). SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II		7658.18	A	14.45	.6629	8400			

182.34 BBLS

TANK PRESSURE BEFORE LOADING: 0 / 0

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

DATE | DATE

22 | TRAILER NO. 210 | CARRIER Gottson

AL INSTRUCTIONS
LEAKS

ETHYL MERCAPTAN: INITIAL | C.C.S.

ER B. Pottle | RECEIVING DRIVER

ier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as d by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Dreyfus Olefins LLC
SHIPPER

PER B. Pottle

'ED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

ER | PER

IVED AT DESTINATION
AR PLANT

GROSS WT. 74820
TARE WT. 30820
NET WT. 44000

CC NO.

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

HIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil or in Carbon, and retained by the Agent

GOTTSON OIL, INC.
2035 EVANGELINE HWY.

Shipper's No. _____

arrier) JENNINGS, LA 70546 SCAC. _____ Carrier's No. 018609

CEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been blished by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

Geismar, date 6-13-07 from Louis Dreyfus

e Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company ie word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its ute, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to ch party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein ntained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)	**FROM:**
nsignee Taylor Propane	Shipper Louis Dreyfus
eet Lisbon Gas Plant	Street
stination Lisbon, LA Zip	Origin Geismar, LA Zip
ute:	

ivering Carrier Gottson 122	Trailer Initial/Number 210	U.S. DOT Hazmat Reg. Number

es.	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
	V	Flammable Liquid (Natural Gasoline) N.O.S RQ3 (Benzene)	3	UN 1993	I	190	BBLS		

nit C.O.D. to:
ress:
State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

e the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
or declared value of the property is hereby _____ per _____
ated by the shipper to be not exceeding _____

ility Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B). rtify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in ition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED UN1993

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE: B L G

CIAL INSTRUCTIONS:

PER: Louis Dreyfus Blanco Patino DATE: 6-13-07

CARRIER: GOTTSON OIL, INC. - 2035 EVANGELINE HWY.

PER: JENNINGS, LA 70546 DATE: 6-13-07

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 424-5571

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

ient post office address of shipper

29-BLS-C4 970 (Rev. 11/04)

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

TANK "A"

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
6/13/2007 1:42:21 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11762.D
Sample log number:GE070613001

Specific gravity (60:60): .6629

Vapor pressure (psi): 14.45

#	Ret.Time	Area	Compound Name	Wt.%
1	2.032	56.905	IsoButane	0.0355
2	4.277	17.462	t-2-Butane	0.0109
3	4.487	861.959	n-Butane	0.5377
4	4.777	344.815	1-Butane	0.2151
5	5.094	342.493	IsoButane	0.2136
6	6.155	2780.501	c-2-Butane	1.7345
7	6.876	45201.082	Isopentane	28.1961
8	7.352	6869.663	1-Pentene	4.2852
9	7.548	6919.319	2-methyl-1-butene	4.3162
10	7.681	25500.135	n-Pentane	15.9068
11	12.443	71415.445	Hexanes Plus	44.5484

Louis Dreyfus Olefins, LLC
Sulfur Analysis
6/13/2007 1:41:47 PM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19368.D
Sample log number:GE070613001 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	8.8400	3.687e3	2.005
4	ethyl mercaptan	1675.1823	4.263e5	3.158
5	diMethyl sulfide	789.2451	8.377e4	3.535
6		0.0000	1.154e3	4.011
7		0.0000	4.149e5	4.372
8		0.0000	5.940e3	5.229
9		0.0000	2.944e3	5.332
10		0.0000	3.212e5	5.681
11	ethylmethylsulfide	527.5221	4.473e4	5.822
12		0.0000	623.562	6.592
13	Thiophene	3322.2784	4.847e5	7.209
14		0.0000	5.122e4	7.493
15		0.0000	745.655	7.738
16	diEthyl sulfide	119.6143	8.527e3	8.058
17		0.0000	7.162e4	8.370
18	nbutyl mercaptan	17.4714	1.965e3	8.511
19		0.0000	1.495e3	8.679
20	Dimethyldisulfide	1261.0136	1.316e5	9.107
21		0.0000	1.519e4	9.460
22		0.0000	2.519e4	9.619
23		0.0000	3.371e5	9.861
24	2-methyl-1-butanethiol	2559.9527	2.707e5	10.021
25	3-methyl-1-butanethiol	140.1401	1.464e4	10.234
26		0.0000	9.459e3	10.390
27		0.0000	3.984e4	10.615
28	1-pentanethiol	211.6628	1.445e4	10.861
29		0.0000	1.324e5	11.272
30		0.0000	2.940e3	11.471
31		0.0000	5.355e4	11.631
32		0.0000	1.061e5	12.001
33		0.0000	1.190e5	12.103
34		0.0000	1.834e5	12.261
35		0.0000	2.035e5	12.511
36		0.0000	4.085e4	12.833
37		0.0000	7.371e3	12.943
38	ditertbutylsulfide	255.0512	7.722e3	13.029
39	Diethyldisulfide	903.5359	4.878e4	13.153
40		0.0000	3.515e4	13.356
41		0.0000	6.697e3	13.533
42		0.0000	9.840e3	13.695
43		0.0000	6.011e3	13.830
44		0.0000	7.215e4	13.989
45		0.0000	5.785e4	14.232
46	disecbutylsulfide	886.9454	4.839e4	14.437
47	diisobutylsulfide	211.6778	9.894e3	14.684
48		0.0000	2.839e4	15.027
49		0.0000	1.156e5	15.277
50		0.0000	1.662e5	15.491
51		0.0000	1.442e4	15.612
52		0.0000	929.668	15.810
53		0.0000	2.038e3	15.989
54		0.0000	5.974e3	16.165
55	dinbutylsulfide	0.0000	0.000	0.000

#	Compound Name	wt ppm	Area	Meas. R
56	DiPropyldisulfide	2909.4781	8.994e4	16.740
57		0.0000	1.228e3	16.980
58		0.0000	1.065e5	17.146
59		0.0000	1.975e4	17.455
60		0.0000	5.258e3	17.722
61		0.0000	1.717e3	17.842
62		0.0000	4.187e4	18.143
63		0.0000	2.829e4	18.472
64		0.0000	1.209e4	18.632
65		0.0000	3.607e3	18.967
66		0.0000	6.152e3	19.117
67		0.0000	4.444e3	19.259
68		0.0000	8.059e3	19.712
69		0.0000	1.715e3	19.870
70		0.0000	2.731e3	20.156
71		0.0000	5.212e3	20.332
72		0.0000	3.018e3	21.080
73	Dibutyldisulfide	0.0000	0.000	0.000
----	Total known sulfur cmpds ----	14089.5730		

Total Known Sulfur:	5315.352
Total Unknown Sulfur Compounds:	4715.096
Total Unknown Sulfur:	2100.577
Total Sulfur:	7415.929

Timothy Beary

ouis L. yfus Olefins LLC
334 Highway 75
ismar, LA. 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS. 17-20) No. 04542

(COLS. 21-24) (KAR MVFM 245)

ONSIGNED TO: (COLS. 2-10)
Taylor

Lisbon LA.

LOADING TIME

	MO.	DAY	YR.
(COLS. 11-16)	05	01	07

STARTED 1138 am
FINISHED 1232 pm
SHIP ☐ P.P.D ☐ COL.

CUST. ORDER NO.
EXX GASO 04542

SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP	ADJUSTMENT FACT
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, Q (Benzene)									
Q, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	7560	7318.15	A	13.72	.6674	8400	90%	70°F	

174.24 BLLs

	DATE	DATE
1320	TRAILER NO. 33	CARRIER Taylor

TANK PRESSURE BEFORE LOADING 0/0

SOURCE OF SHIPMENT PLANT OR LOCATION GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

L INSTRUCTIONS

LEAKS

ETHYL MERCAPTAN
INITIAL C.C.S.

CC NO.

R Don Dunbar

RECEIVING DRIVER

er certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as d by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Dreyfus Olefins LLC
SHIPPER

PER Don Dunbar

GROSS WT. 71000

TARE WT. 30200

NET WT. 40720

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

ED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

R

PER

VED AT DESTINATION

R PLANT

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

308609

AYLOR PROPANE GAS, INC.
.O. BOX 438
/innsboro, TX 75494
)3-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC
1-800-424-9300

kup Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
/-/-07	[illegible]	[illegible]	
ivery Date	Destination (Company Name)	Plant Location/Town	Delivered To The Account Of
/-/-07	[illegible]	[illegible]	
370	33		

ater Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received
20	90%	180					

nmodity: Nat Gas		Liquefied Petroleum Gas/NONCOR	2.1	UN 1075
	X	Natural Gasoline	3.	UN 1203, PG. II
kup et nber: 04542		Petroleum Crude Oil	3.	UN 1267, Pg. II
		Petroleum Distillates, n.o.s.	3.	UN 1206

S IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY ME AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

X [signature] Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver ____ Date ____

CEIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE E OF ISSUANCE HEREOF
TAYLOR PROPANE GAS, INC.
Driver #1 [signature]
Driver #2

Pickup	Delivery
Gross lbs.	Gross lbs.
Tare lbs.	Tare lbs.
Net lbs.	Net lbs.

	Started Loading	Completed Loading	Hours To Load	Reason For Delay
ling mation				
	Started Unloading	Completed Unloading	Hours To Unload	Reason For Delay
ling mation				

SPECIAL FUEL PURCHASES — **TOTAL HOURS P/R**

ATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

MILEAGE REPORT

CATION	STATE CODE	ODOMETER READING	LOADED	EMPTY		STATE MILES
[illegible]	MS	672980			LA	
[illegible]	MS	672994		14	TX	
[illegible]	La	6730[illegible]		72	AR	
[illegible]	La				MS	14
					AL	
					TN	
					TOTAL	
TOTAL				72		

REMARKS

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/1/2007 10:50:25 AM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11680.D
Sample log number:GE070429002

425. - "A"

Specific gravity (60:60): -> .6674

Vapor pressure (psi): 13.72

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.484	1121.988	n-Butane	0.7496
4	4.777	424.942	1-Butane	0.2839
5	5.090	526.848	IsoButane	0.3520
6	6.151	2134.170	c-2-Butane	1.4259
7	6.873	38259.164	Isopentane	25.5614
8	7.349	5790.067	1-Pentene	3.8684
9	7.545	5386.570	2-methyl-1-butene	3.5988
10	7.678	24990.883	n-Pentane	16.6967
11	12.443	71041.039	Hexanes Plus	47.4633

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/1/2007 10:46:15 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19114.D
Sample log number:GE070501002 ->

#	Compound Name	wt ppm	Area	Meas. R
		0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	3.6745	1.533e3	1.980
4	ethyl mercaptan	1517.9491	3.863e5	3.162
5	diMethyl sulfide	608.1627	6.455e4	3.500
6		0.0000	2.226e3	3.974
7		0.0000	3.779e5	4.341
8		0.0000	1.853e3	5.193
9		0.0000	2.190e3	5.298
10		0.0000	2.870e5	5.636
11	ethylmethylsulfide	382.8779	3.246e4	5.786
12	Thiophene	3087.5302	4.505e5	7.188
13		0.0000	3.963e4	7.460
14	diEthyl sulfide	43.9497	3.133e3	8.026
15		0.0000	5.231e4	8.339
16	nbutyl mercaptan	9.7145	1.092e3	8.478
17	Dimethyldisulfide	553.2352	5.774e4	9.075
18		0.0000	1.293e4	9.429
19		0.0000	2.163e4	9.589
20		0.0000	3.267e5	9.828
21	2-methyl-1-butanethiol	2404.2497	2.542e5	9.990
22	3-methyl-1-butanethiol	68.7110	7.179e3	10.205
23		0.0000	1.098e3	10.362
24		0.0000	2.440e4	10.585
25	1-pentanethiol	182.0872	1.243e4	10.832
26		0.0000	3.845e4	11.243
27		0.0000	1.737e3	11.441
28		0.0000	4.804e4	11.601
29		0.0000	1.053e5	11.972
30		0.0000	1.150e5	12.074
31		0.0000	1.769e5	12.233
32		0.0000	1.649e5	12.482
33		0.0000	3.570e4	12.804
34		0.0000	5.506e3	12.914
35	ditertbutylsulfide	189.6507	5.742e3	13.001
36		0.0000	2.695e4	13.105
37	Diethyldisulfide	287.0956	1.550e4	13.268
38		0.0000	1.829e3	13.504
39		0.0000	3.112e3	13.668
40		0.0000	7.376e4	13.965
41		0.0000	5.059e4	14.196
42	disecbutylsulfide	982.5304	5.361e4	14.410
43	diisobutylsulfide	107.4698	5.023e3	14.681
44		0.0000	2.243e4	15.003
45		0.0000	5.941e4	15.250
46		0.0000	9.564e4	15.464
47		0.0000	6.266e3	15.586
48		0.0000	1.800e3	15.882
49		0.0000	2.264e3	16.136
50	dinbutylsulfide	0.0000	0.000	0.000
51		0.0000	9.379e3	16.503
52		0.0000	4.115e4	16.624
53	DiPropyldisulfide	1122.2824	3.469e4	16.717
54		0.0000	877.551	16.957
55		0.0000	3.714e4	17.124

56		0.0000	1.438e4	17.214
57		0.0000	1.475e4	17.428
58		0.0000	3.893e3	17.697
59		0.0000	3.210e3	17.929
60		0.0000	2.114e4	18.114
61		0.0000	5.620e3	18.301
62		0.0000	1.836e4	18.440
63		0.0000	9.311e3	18.592
64		0.0000	3.917e3	18.933
65		0.0000	4.474e3	19.081
66		0.0000	5.022e3	19.218
67		0.0000	7.845e3	19.670
68		0.0000	7.325e3	20.292
69		0.0000	2.551e3	20.692
70		0.0000	1.627e3	21.034
71	Dibutyldisulfide	0.0000	0.000	0.000
72		0.0000	2.616e3	21.891
----Total known sulfur cmpds----------				
		11551.1705		

Total Known Sulfur:	3742.830
Total Unknown Sulfur Compounds:	4464.856
Total Unknown Sulfur:	1974.811
Total Sulfur:	5717.640

Timothy Beary

ouis Dreyfus Olefins LLC

34 Highway 75
smar, LA. 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS. 17-23) No. 04546

(OTC 7) (RAN MVFU 795)

Raw Mix

ONSIGNED TO: (COLS. 2-10)
Taylor

Lisbon, LA.

LOADING TIME	MO.	DAY	YR.
(COLS. 11-16)	05	01	07
STARTED	341 pm		
FINISHED	451 pm		
SHIP ☐ P.P.D ☐ COL.			

CUST. ORDER NO. LDGAso 04546

SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	ADJUSTMENT FACT.
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)									
RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	6720	6541.77	A	13.72	66.4	10,500	64%	80°F	

155.76 Bbls.

DATE	DATE
TRAILER NO. 30	CARRIER Taylor
NO. 87620	

TANK PRESSURE BEFORE LOADING 110 / 35

SOURCE OF SHIPMENT PLANT OR LOCATION GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

AL INSTRUCTIONS
LEAKS

ETHYL MERCAPTAN
INITIAL C.C.S.

CC NO.

ER Don Dunbar

RECEIVING DRIVER X [signature]

GROSS WT. 78400

rier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as ed by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Dreyfus Olefins LLC
SHIPPER

PER Don Dunbar

TARE WT. ~~50~~ 42000

/ED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

ER

PER X [signature]

NET WT. 36400

IVED AT DESTINATION
AR PLANT

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

255487

TAYLOR PROPANE GAS, INC.
P.O. BOX 438
Winnsboro, TX 75494
903-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC
1-800-424-9300

Pickup Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
5-1-07	Louis Dreyfus?	Gonzales? La	
Delivery Date	**Destination (Company Name)**	**Plant Location/Town**	**Delivered To The Account Of**
-- -07	Taylor	Lisbon? La	TGL?
Truck #	**Trailer #**	**Freight Charges To:**	**Special Instructions**
76811?	50		

Water Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received
10500	65	6825					

Commodity

	Liquefied Petroleum Gas/NONCOR	2.1	UN 1075
X	Natural Gasoline	3.	UN 1203, PG. II
	Petroleum Crude Oil	3.	UN 1267, Pg. II
	Petroleum Distillates, n.o.s.	3.	UN 1206

Pickup Ticket Number 04596

THIS IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY NAME AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

[illegible] Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver ______ Date ______

RECEIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE DATE OF ISSUANCE HEREOF
TAYLOR PROPANE GAS, INC.
Name ______ Driver #1
Name [illegible] Driver #2

Pickup		Delivery	
Gross lbs.	78400	Gross lbs.	
Tare lbs.	42000	Tare lbs.	
Net lbs.	36400	Net lbs.	

	Started	Completed	Hours	Reason For Delay
Loading Information	Started Loading	Completed Loading	Hours To Load	Reason For Delay
Unloading Information	Started Unloading	Completed Unloading	Hours To Unload	Reason For Delay

TOTAL HOURS P/R

SPECIAL FUEL PURCHASES

DATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

MILEAGE REPORT

LOCATION	STATE CODE	ODOMETER READING	LOADED	EMPTY
[illegible] La	LA	875869		
[illegible]	LA	875961		92
TOTAL				

	STATE MILES
LA	
TX	
AR	
MS	
AL	
TN	
TOTAL	

REMARKS

BANKERS PRODUCTS 800-736-3536

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/1/2007 10:50:25 AM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11680.D
Sample log number:GE070429002

425. - "A"

Specific gravity (60:60): .6674

Vapor pressure (psi): 13.72

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.484	1121.988	n-Butane	0.7496
4	4.777	424.942	1-Butane	0.2839
5	5.090	526.848	IsoButane	0.3520
6	6.151	2134.170	c-2-Butane	1.4259
7	6.873	38259.164	Isopentane	25.5614
8	7.349	5790.067	1-Pentene	3.8684
9	7.545	5386.570	2-methyl-1-butene	3.5988
10	7.678	24990.883	n-Pentane	16.6967
11	12.443	71041.039	Hexanes Plus	47.4633

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/1/2007 10:46:15 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19114.D
Sample log number:GE070501002 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	3.6745	1.533e3	1.980
4	ethyl mercaptan	1517.9491	3.863e5	3.162
5	diMethyl sulfide	608.1627	6.455e4	3.500
6		0.0000	2.226e3	3.974
7		0.0000	3.779e5	4.341
8		0.0000	1.853e3	5.193
9		0.0000	2.190e3	5.298
10		0.0000	2.870e5	5.636
11	ethylmethylsulfide	382.8779	3.246e4	5.786
12	Thiophene	3087.5302	4.505e5	7.188
13		0.0000	3.963e4	7.460
14	diEthyl sulfide	43.9497	3.133e3	8.026
15		0.0000	5.231e4	8.339
16	nbutyl mercaptan	9.7145	1.092e3	8.478
17	Dimethyldisulfide	553.2352	5.774e4	9.075
18		0.0000	1.293e4	9.429
19		0.0000	2.163e4	9.589
20		0.0000	3.267e5	9.828
21	2-methyl-1-butanethiol	2404.2497	2.542e5	9.990
22	3-methyl-1-butanethiol	68.7110	7.179e3	10.205
23		0.0000	1.098e3	10.362
24		0.0000	2.440e4	10.585
25	1-pentanethiol	182.0872	1.243e4	10.832
26		0.0000	3.845e4	11.243
27		0.0000	1.737e3	11.441
28		0.0000	4.804e4	11.601
29		0.0000	1.053e5	11.972
30		0.0000	1.150e5	12.074
31		0.0000	1.769e5	12.233
32		0.0000	1.649e5	12.482
33		0.0000	3.570e4	12.804
34		0.0000	5.506e3	12.914
35	ditertbutylsulfide	189.6507	5.742e3	13.001
36		0.0000	2.695e4	13.105
37	Diethyldisulfide	287.0956	1.550e4	13.268
38		0.0000	1.829e3	13.504
39		0.0000	3.112e3	13.668
40		0.0000	7.376e4	13.965
41		0.0000	5.059e4	14.196
42	disecbutylsulfide	982.5304	5.361e4	14.410
43	diisobutylsulfide	107.4698	5.023e3	14.681
44		0.0000	2.243e4	15.003
45		0.0000	5.941e4	15.250
46		0.0000	9.564e4	15.464
47		0.0000	6.266e3	15.586
48		0.0000	1.800e3	15.882
49		0.0000	2.264e3	16.136
50	dinbutylsulfide	0.0000	0.000	0.000
51		0.0000	9.379e3	16.503
52		0.0000	4.115e4	16.624
53	DiPropyldisulfide	1122.2824	3.469e4	16.717
54		0.0000	877.551	16.957
55		0.0000	3.714e4	17.124

56		0.0000	1.438e4	17.214
57		0.0000	1.475e4	17.428
58		0.0000	3.893e3	17.697
59		0.0000	3.210e3	17.929
60		0.0000	2.114e4	18.114
61		0.0000	5.620e3	18.301
62		0.0000	1.836e4	18.440
63		0.0000	9.311e3	18.592
64		0.0000	3.917e3	18.933
65		0.0000	4.474e3	19.081
66		0.0000	5.022e3	19.218
67		0.0000	7.845e3	19.670
68		0.0000	7.325e3	20.292
69		0.0000	2.551e3	20.692
70		0.0000	1.627e3	21.034
71	Dibutyldisulfide	0.0000	0.000	0.000
72		0.0000	2.616e3	21.891
----Total known sulfur cmpds----------				
		11551.1705		

Total Known Sulfur:	3742.830
Total Unknown Sulfur Compounds:	4464.856
Total Unknown Sulfur:	1974.811
Total Sulfur:	5717.640

Timothy Beary

ouis Dreyfus Olefins LLC
14 Highway 75
mar, LA 70734

(COL. 1) 4

tank truck order direct manifest bill of lading

(COLS 17-23) No. 04577

(OTC 7) (KAN MVFM #45)

NSIGNED TO: (COLS. 2-10) Gottson

isbon La.

LOADING TIME	MO.	DAY	YR.	CUST. ORDER NO.
(COLS 11-16)	05	04	07	LDGAS004577
STARTED	4:30 Pm			SEAL NUMBERS
FINISHED	5 30 Pm			FROM
SHIP ☐ P.P.D ☐ COL.				THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-48)	TANK NO.	LPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	FACT.
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ ______ BUTANE									
✓ Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)		192.25 BBls							
RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	7650	8074.50	A	13.78	.6646	8500	90%		

TANK PRESSURE BEFORE LOADING: 0

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

	DATE	DATE
NO. 27	TRAILER NO. 210	CARRIER Gottson

IAL INSTRUCTIONS

LEAKS

ETHYL MERCAPTAN — INITIAL — C.C.S.

CC NO.

ER [signature] RECEIVING DRIVER [signature]

rrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as ed by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and , and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

GROSS WT. 75740

s Dreyfus Olefins LLC — SHIPPER — PER [signature]

TARE WT. 31000

VED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

IER — PER [signature]

NET WT. 44740

EIVED AT DESTINATION
IAR PLANT

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per ______

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record

GOTTSON OIL, INC.
2035 EVANGELINE HWY.

Shipper's No. 04571

Carrier) JENNINGS, LA 70546 SCAC. _____ Carrier's No. 013454

CEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been lished by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

Leesmar LA, date 5-4-07 from Lake Charles

Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its e, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to h party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein tained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee for purposes of notification only.)

FROM:

signee Taylor Veppas

Shipper [illegible]

et Lisbon Gas Plant Hwy 2

Street 10337 Hwy 75

tination Lisbon La Zip

Origin Leesmar La Zip 70639

te:

vering Carrier Gottson

Trailer Initial/Number 210

U.S. DOT Hazmat Reg. Number

es	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
	X	Flammable Liquids Natural Gasoline NOS RQ (Benzene)	3	1203	I	19225	BAR		

nit C.O.D. to:
ress:
State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

e the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
declared value of the property is hereby
ated by the shipper to be not exceeding _____ per _____

ility Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).
rtify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in ition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED 4N 1993

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE: [signature]

CIAL INSTRUCTIONS:

PER: Louis Brown Oil Inc LLC
[signature] DATE: 5-4-07

CARRIER: GOTTSON OIL, INC. - 2035 EVANGELINE HWY.
PER: JENNINGS, LA 70546 DATE: 5-4-07

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 424-5571
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

ient post office address of shipper

29-BLS-C4 970 (Rev. 11/04)

GASO
A

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/3/2007 11:03:46 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11685.D
Sample log number:GE070429002 ->

Specific gravity (60:60): .6646

Vapor pressure (psi): 13.78

#	Ret.Time	Area	Compound Name	Wt.%
1	2.030	11.148	IsoButane	0.0079
2	0.000	0.000	t-2-Butane	0.0000
3	4.482	340.866	n-Butane	0.2420
4	4.775	231.126	1-Butane	0.1641
5	5.087	244.763	IsoButane	0.1738
6	6.148	2397.194	c-2-Butane	1.7019
7	6.869	39629.715	Isopentane	28.1348
8	7.345	5850.163	1-Pentene	4.1533
9	7.544	5466.293	2-methyl-1-butene	3.8808
10	7.676	23582.904	n-Pentane	16.7425
11	12.444	63102.395	Hexanes Plus	44.7990

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/3/2007 11:06:52 PM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19127.D
Sample log number:GE070503005 ->

#	Compound Name	wt ppm	Area	Meas. R
1		0.0000	1.146e3	0.081
2	hydrogen sulfide	0.0000	0.000	0.000
3	carbonyl sulfide	0.0000	0.000	0.000
4	methyl mercaptan	12.7349	5.312e3	1.993
5	ethyl mercaptan	1695.3997	4.314e5	3.139
6	diMethyl sulfide	880.3922	9.345e4	3.518
7		0.0000	4.296e3	3.994
8		0.0000	4.331e5	4.353
9		0.0000	3.239e3	5.213
10		0.0000	2.996e3	5.318
11		0.0000	3.397e5	5.646
12	ethylmethylsulfide	520.9438	4.417e4	5.807
13		0.0000	966.675	6.579
14	Thiophene	3358.3746	4.900e5	7.195
15		0.0000	5.302e4	7.480
16		0.0000	948.423	7.725
17	diEthyl sulfide	68.7729	4.903e3	8.047
18		0.0000	7.671e4	8.359
19	nbutyl mercaptan	15.7019	1.766e3	8.499
20		0.0000	954.589	8.664
21	Dimethyldisulfide	1340.3612	1.399e5	9.095
22		0.0000	1.507e4	9.449
23		0.0000	2.632e4	9.609
24		0.0000	3.423e5	9.826
25	2-methyl-1-butanethiol	2564.8168	2.712e5	10.010
26	3-methyl-1-butanethiol	62.9083	6.573e3	10.224
27		0.0000	1.556e3	10.382
28		0.0000	3.147e4	10.605
29	1-pentanethiol	221.4394	1.512e4	10.851
30		0.0000	1.038e5	11.262
31		0.0000	2.676e3	11.461
32		0.0000	5.790e4	11.621
33		0.0000	1.316e5	11.991
34		0.0000	1.452e5	12.093
35		0.0000	2.193e5	12.251
36		0.0000	2.217e5	12.501
37		0.0000	4.857e4	12.823
38		0.0000	8.061e3	12.932
39	ditertbutylsulfide	282.3866	8.550e3	13.019
40	Diethyldisulfide	979.3051	5.288e4	13.141
41		0.0000	3.129e4	13.347
42		0.0000	2.959e3	13.523
43		0.0000	4.430e3	13.686
44		0.0000	9.453e4	13.982
45		0.0000	7.526e4	14.219
46	disecbutylsulfide	1072.1909	5.850e4	14.427
47	diisobutylsulfide	267.5792	1.251e4	14.679
48		0.0000	3.915e4	15.021
49		0.0000	8.669e4	15.268
50		0.0000	1.376e5	15.482
51		0.0000	9.065e3	15.604
52		0.0000	3.306e3	15.979
53		0.0000	5.046e3	16.158
54	dinbutylsulfide	0.0000	0.000	0.000
55		0.0000	1.362e4	16.520

#	Compound Name	wt ppm	Area	Meas. R
56		0.0000	5.861e4	16.642
57	DiPropyldisulfide	1841.1776	5.692e4	16.735
58		0.0000	1.317e3	16.979
59		0.0000	7.517e4	17.143
60		0.0000	1.979e4	17.448
61		0.0000	5.086e3	17.721
62		0.0000	2.754e3	17.840
63		0.0000	5.115e3	17.950
64		0.0000	2.926e4	18.136
65		0.0000	6.454e3	18.322
66		0.0000	2.473e4	18.464
67		0.0000	1.345e4	18.617
68		0.0000	5.952e3	18.960
69		0.0000	5.981e3	19.106
70		0.0000	6.544e3	19.245
71		0.0000	1.196e4	19.702
72		0.0000	1.078e4	20.320
73		0.0000	3.719e3	20.723
74		0.0000	2.769e3	21.063
75	Dibutyldisulfide	0.0000	0.000	0.000
76		0.0000	2.909e3	21.937
77		0.0000	1.824e3	22.346
----Total known sulfur cmpds----------		15184.4851		

Total Known Sulfur:	5434.174
Total Unknown Sulfur Compounds:	5610.524
Total Unknown Sulfur:	2483.512
Total Sulfur:	7917.686

Timothy Beary

...is Dreyfus Olefins LLC
...Highway 75
...nar, LA. 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS. 17-23) No. 04635

(DTC 7) (KAN-MVFM 245)

ASSIGNED TO: (COLS. 2-10)

Taylor Propane Lisbon LA.

LOADING TIME	MO.	DAY	YR.
(COLS. 11-16)	5	9	07
STARTED	4:45 PM		
FINISHED	5:40 PM		
SHIP ☐ P.P.D ☐ COL.			

CUST. ORDER NO. LDNG4635

SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	ADJUSTMENT FACT.
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)	7280	6807.26	A	13.58	.6678	10,400	70%	82°	
RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									

TANK PRESSURE BEFORE LOADING 120 / 30

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

R	DATE	DATE
NO. 482	TRAILER NO. 88994	CARRIER Gottson

IAL INSTRUCTIONS: LEAKS

ETHYL MERCAPTAN: INITIAL / C.C.S.

CC NO.

DER A. Jones

X RECEIVING DRIVER

GROSS WT. 79000

TARE WT. 41100

NET WT. 37900

urier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as ed by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and d, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

s Dreyfus Olefins LLC
SHIPPER

PER A. Jones

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

IVED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

IER Gottson

X PER

EIVED AT DESTINATION
MAR PLANT

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

233409

AYLOR PROPANE GAS, INC.

.O. BOX 438
/innsboro, TX 75494
03-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC 1-800-424-9300

kup Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
9/07	Louis Dreyfus	Geismar LA	TGL
livery Date	**Destination (Company Name)**	**Plant Location/Town**	**Delivered To The Account Of**
9/07	Lisbon Gas	Lisbon LA	TGL

Special Instructions

F2	88994						
ater Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received
1400	70	7280	82	0			

mmodity			
Natural Gas	Liquefied Petroleum Gas/NONCOR	2.1	UN 1075
kup ket mber 04635	Natural Gasoline N.O.S., 3, UN 1993 PG II	3.	~~UN 1203, PG II~~
	Petroleum Crude Oil	3.	UN 1267, Pg. II
	Petroleum Distillates, n.o.s.	3.	UN 1206

IS IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY ME AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO E REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

X Avery Jones Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver _____ Date _____

CEIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE TE OF ISSUANCE HEREOF

TAYLOR PROPANE GAS, INC.

ne Driver #1 Tasha Bushnell

ne Driver #2

Pickup	Delivery
Gross lbs.	Gross lbs.
Tare lbs.	Tare lbs.
Net lbs.	Net lbs.

ading ormation	Started Loading	Completed Loading	Hours To Load	Reason For Delay	
ading ormation	Started Unloading	Completed Unloading	Hours To Unload	Reason For Delay	

SPECIAL FUEL PURCHASES — TOTAL HOURS P/R

DATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

MILEAGE REPORT

LOCATION	STATE CODE	ODOMETER READING	LOADED	EMPTY		STATE MILES
Eunice	LA				LA	
Geismar	LA	18350			TX	
					AR	
					MS	
					AL	
					TN	
					TOTAL	
TOTAL						

REMARKS Got Here at 300 PM
left at

BANKERS PRODUCTS 800-736-3536

GASOLINE

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/8/2007 6:45:40 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11690.D
Sample log number:GE070508003

Specific gravity (60:60): .6678

Vapor pressure (psi): 13.58

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.482	312.651	n-Butane	0.2550
4	4.775	204.585	1-Butane	0.1668
5	5.087	202.985	IsoButane	0.1655
6	6.147	1727.425	c-2-Butane	1.4087
7	6.872	31632.660	Isopentane	25.7953
8	7.346	4808.405	1-Pentene	3.9211
9	7.543	4224.933	2-methyl-1-butene	3.4453
10	7.676	20750.004	n-Pentane	16.9209
11	12.443	58765.914	Hexanes Plus	47.9215

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/8/2007 7:30:03 PM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19153.D
Sample log number:GE070508003 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	8.4628	3.530e3	1.990
4	ethyl mercaptan	1637.8505	4.168e5	3.139
5	diMethyl sulfide	819.1751	8.695e4	3.516
6		0.0000	2.835e3	3.991
7		0.0000	4.219e5	4.394
8		0.0000	3.087e3	5.209
9		0.0000	3.050e3	5.314
10		0.0000	3.310e5	5.662
11	ethylmethylsulfide	511.3316	4.335e4	5.802
12		0.0000	749.626	6.576
13	Thiophene	3328.3954	4.856e5	7.192
14		0.0000	5.137e4	7.475
15		0.0000	977.901	7.720
16	diEthyl sulfide	65.8711	4.696e3	8.042
17		0.0000	7.214e4	8.354
18	nbutyl mercaptan	13.6678	1.537e3	8.495
19		0.0000	858.628	8.661
20	Dimethyldisulfide	1057.5691	1.104e5	9.091
21		0.0000	1.317e4	9.445
22		0.0000	2.371e4	9.604
23		0.0000	3.363e5	9.844
24	2-methyl-1-butanethiol	2534.7933	2.681e5	10.006
25	3-methyl-1-butanethiol	69.1318	7.223e3	10.221
26		0.0000	1.251e3	10.378
27		0.0000	3.025e4	10.600
28	1-pentanethiol	198.5223	1.356e4	10.847
29		0.0000	429.027	11.100
30		0.0000	1.060e5	11.258
31		0.0000	2.314e3	11.457
32		0.0000	5.031e4	11.617
33		0.0000	1.139e5	11.987
34		0.0000	1.249e5	12.089
35		0.0000	1.849e5	12.247
36		0.0000	1.953e5	12.497
37		0.0000	4.204e4	12.819
38		0.0000	7.048e3	12.930
39	ditertbutylsulfide	245.4316	7.431e3	13.017
40	Diethyldisulfide	1213.0485	6.550e4	13.140
41		0.0000	2.893e4	13.343
42		0.0000	1.405e3	13.519
43		0.0000	1.742e3	13.683
44		0.0000	1.677e3	13.817
45		0.0000	7.723e4	13.979
46		0.0000	5.729e4	14.220
47	disecbutylsulfide	853.5723	4.657e4	14.425
48	diisobutylsulfide	252.0064	1.178e4	14.674
49		0.0000	3.822e4	15.017
50		0.0000	8.630e4	15.266
51		0.0000	1.350e5	15.479
52		0.0000	2.639e4	15.602
53		0.0000	5.919e3	15.977
54		0.0000	5.449e3	16.156
55	dinbutylsulfide	0.0000	0.000	0.000

56		0.0000	1.001e4	16.518
57		0.0000	5.388e4	16.640
58	DiPropyldisulfide	1795.2543	5.550e4	16.733
59		0.0000	1.214e3	16.977
60		0.0000	8.145e4	17.140
61		0.0000	1.717e4	17.446
62		0.0000	4.521e3	17.717
63		0.0000	2.825e3	17.840
64		0.0000	4.465e3	17.947
65		0.0000	2.623e4	18.134
66		0.0000	5.625e3	18.323
67		0.0000	2.110e4	18.463
68		0.0000	1.101e4	18.617
69		0.0000	4.486e3	18.958
70		0.0000	4.970e3	19.105
71		0.0000	5.011e3	19.243
72		0.0000	9.863e3	19.701
73		0.0000	2.886e3	20.147
74		0.0000	4.767e3	20.320
75		0.0000	2.710e3	20.704
76		0.0000	2.376e3	21.063
77	Dibutyldisulfide	0.0000	0.000	0.000
78		0.0000	1.692e3	22.342
	----Total known sulfur cmpds----------	14604.0841		

Total Known Sulfur:	5203.755
Total Unknown Sulfur Compounds:	5246.418
Total Unknown Sulfur:	2328.284
Total Sulfur:	7532.039

Timothy Beary

, Dreyfus Olefins LLC
ighway 75
nar, LA 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS. 17-23) No. 04703

(DTC 7) (KAN MVFM #45)

NSIGNED TO: (COLS. 2-10)
Taylor

Lisbon, LA.

LOADING TIME	MO.	DAY	YR.
(COLS. 11-16)	05	15	07
STARTED	2:03 PM		
FINISHED	2:53 PM		
SHIP ☐ P.P.D ☐ COL.			

CUST. ORDER NO.: LDGAS0 04703

SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	ADJUSTMENT FACT.
IQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
ammable Liquids (Natural asoline), n.o.s., 3, UN 1993, PG I, Q (Benzene)									
Q, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	7560	7294.50	B	14.33	.6620	8400	90%	70°F	

173.68 BBLs.

DATE
DATE

O. 502
TRAILER NO. 33
CARRIER Taylor

TANK PRESSURE BEFORE LOADING 0 / 0

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

AL INSTRUCTIONS
LEAKS

ETHYL MERCAPTAN
INITIAL
C.C.S.

CC NO.

ER Don Dreyfus
RECEIVING DRIVER

GROSS WT. 69600

ier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as d by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Dreyfus Olefins LLC
SHIPPER

PER Don Dreyfus

TARE WT. 29340

ED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

ER
PER

NET WT. 40260

VED AT DESTINATION
AR PLANT

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

196417

AYLOR PROPANE GAS, INC.

.O. BOX 438
/innsboro, TX 75494
03-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC
1-800-424-9300

kup Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
livery Date	Destination (Company Name)	Plant Location/Town	Delivered To The Account Of

ater Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received

nmodity			
kup ket nber		Liquefied Petroleum Gas/NONCOR	2.1 UN 1075
		Natural Gasoline	3. UN 1203, PG. II
		Petroleum Crude Oil	3. UN 1267, Pg. II
		Petroleum Distillates, n.o.s.	3. UN 1206

IS IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY ME AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO E REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver _____ Date _____

CEIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE TE OF ISSUANCE HEREOF

TAYLOR PROPANE GAS, INC.

Driver #1

Driver #2

Pickup	Delivery
Gross lbs. 19,100	Gross lbs.
Tare lbs.	Tare lbs.
Net lbs.	Net lbs.

ding rmation	Started Loading	Completed Loading	Hours To Load	Reason For Delay	
ding rmation	Started Unloading	Completed Unloading	Hours To Unload	Reason For Delay	

SPECIAL FUEL PURCHASES — TOTAL HOURS P/R

DATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

MILEAGE REPORT

OCATION	STATE CODE	ODOMETER READING	LOADED	EMPTY		STATE MILES
	LA				LA	
	TX	733215			TX	
	AR				AR	
					MS	
					AL	
					TN	
					TOTAL	
TOTAL						

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

REMARKS

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/15/2007 8:00:23 AM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11700.D
Sample log number:GE070513002

GASO 'B'

Specific gravity (60:60): .6620

Vapor pressure (psi): 14.33

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.487	141.222	n-Butane	0.1310
4	4.775	130.931	1-Butane	0.1215
5	5.093	112.021	IsoButane	0.1039
6	6.153	1678.843	c-2-Butane	1.5577
7	6.876	32082.105	Isopentane	29.7666
8	7.350	4495.925	1-Pentene	4.1714
9	7.548	4862.265	2-methyl-1-butene	4.5113
10	7.679	18302.578	n-Pentane	16.9816
11	12.443	45972.961	Hexanes Plus	42.6549

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/15/2007 8:00:11 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19190.D
Sample log number:GE070515001 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	4.1804	1.744e3	1.979
3	methyl mercaptan	1549.2961	3.942e5	3.126
4	ethyl mercaptan	457.9356	4.861e4	3.500
5	diMethyl sulfide	0.0000	3.526e3	3.976
6		0.0000	3.777e5	4.342
7		0.0000	2.444e3	5.193
8		0.0000	2.685e3	5.298
9		0.0000	2.857e5	5.637
10		375.7065	3.186e4	5.787
11	ethylmethylsulfide	2851.8125	4.161e5	7.199
12	Thiophene	0.0000	3.305e4	7.461
13		55.0165	3.922e3	8.027
14	diEthyl sulfide	0.0000	3.907e4	8.340
15		11.0819	1.246e3	8.478
16	nbutyl mercaptan	696.0719	7.265e4	9.076
17	Dimethyldisulfide	0.0000	8.902e3	9.431
18		0.0000	1.371e4	9.591
19		0.0000	2.936e5	9.819
20		1747.6387	1.848e5	9.991
21	2-methyl-1-butanethiol	19.0183	1.987e3	10.207
22	3-methyl-1-butanethiol	0.0000	1.135e3	10.365
23		0.0000	1.872e4	10.586
24		118.5953	8.098e3	10.833
25	1-pentanethiol	0.0000	5.951e4	11.244
26		0.0000	1.525e3	11.444
27		0.0000	3.235e4	11.603
28		0.0000	6.811e4	11.974
29		0.0000	7.639e4	12.076
30		0.0000	1.136e5	12.234
31		0.0000	1.156e5	12.484
32		0.0000	2.295e4	12.806
33		0.0000	3.315e3	12.917
34		125.5594	3.802e3	13.001
35	ditertbutylsulfide	598.9543	3.234e4	13.124
36	Diethyldisulfide	0.0000	1.941e4	13.330
37		0.0000	694.650	13.506
38		0.0000	390.117	13.670
39		0.0000	875.774	13.804
40		0.0000	4.313e4	13.967
41		0.0000	3.250e4	14.206
42		383.5514	2.093e4	14.412
43	disecbutylsulfide	99.1576	4.635e3	14.660
44	diisobutylsulfide	0.0000	1.523e4	15.002
45		0.0000	3.242e4	15.253
46		0.0000	5.972e4	15.466
47		0.0000	3.679e3	15.964
48		0.0000	2.240e3	16.144
49		0.0000	0.000	0.000
50	dinbutylsulfide	0.0000	4.781e3	16.503
51		0.0000	2.406e4	16.627
52		988.0043	3.054e4	16.719
53	DiPropyldisulfide	0.0000	823.501	16.967
54		0.0000	2.925e4	17.128
55				

56		0.0000	7.722e3	17.431
57		0.0000	628.535	17.708
58		0.0000	2.510e3	17.930
59		0.0000	9.277e3	18.117
60		0.0000	1.337e4	18.442
61		0.0000	5.207e3	18.598
62		0.0000	2.126e3	18.939
63		0.0000	2.153e3	19.083
64		0.0000	1.637e3	19.226
65		0.0000	3.195e3	19.680
66		0.0000	1.959e3	20.294
67		0.0000	1.238e3	21.038
68	Dibutyldisulfide	0.0000	0.000	0.000
----Total known sulfur cmpds----------		10081.5808		

Total Known Sulfur:	3649.832
Total Unknown Sulfur Compounds:	3454.596
Total Unknown Sulfur:	1542.598
Total Sulfur:	5192.430

Timothy Beary

Louis Dreyfus Olefins LLC

10334 Highway 75
Geismar, LA. 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS. 17-23) No. 04783

(OTC 7) (KAN MVFM 445)

CONSIGNED TO: (COLS. 2-10)

Taylor

Lisbon LA.

LOADING TIME

	MO.	DAY	YR.
(COLS. 11-16)	05	23	07

STARTED 950 Am

FINISHED 1042 Am

SHIP ☐ P.P.D ☐ COL.

CUST. ORDER NO. LDGAS0 04783

SEAL NUMBERS

FROM

THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	ADJUSTMENT FACT.
☐ LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE									
☑ Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)	7200	7620.38	B	13.45	.658	8000	90%	70°F	
☐ RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
☐ _____									

181.44 Bbls

ILER	DATE	DATE
ICK NO. 1320	TRAILER NO. 90788	CARRIER Taylor

TANK PRESSURE BEFORE LOADING 0 / 0

SOURCE OF SHIPMENT PLANT OR LOCATION GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

ECIAL INSTRUCTIONS

O LEAKS

ETHYL MERCAPTAN

INITIAL	C.C.S.

CC NO.

ADER Don Dunbar

RECEIVING DRIVER

carrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as ribed by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and led, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

GROSS WT. 73140

TARE WT. 30840

NET WT. 42300

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

uis Dreyfus Olefins LLC
SHIPPER

PER Don Dunbar

EIVED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

IRIER

PER

EIVED AT DESTINATION
SMAR PLANT

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

ENT POST OFFICE ADDRESS OF SHIPPER:
479 GEISMER, LA 70734

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER
4 CONSIGNEE 5 OTHER

308654

TAYLOR PROPANE GAS, INC.

P.O. BOX 438
Winnsboro, TX 75494
903-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC 1-800-424-9300

Pickup Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
5/23/07	[illegible]	[illegible] La.	
Delivery Date	**Destination (Company Name)**	**Plant Location/Town**	**Delivered To The Account Of**
5/23/07	[illegible]	[illegible] La.	
Truck #	**Trailer #**	**Freight Charges To:**	**Special Instructions**

Water Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received
8000	90%	Net 1514[illegible]		13.45	.6659		

Commodity: Nat Gas

Pickup Ticket Number: 04783

	Liquefied Petroleum Gas/NONCOR	2.1	UN 1075
X	Natural Gasoline	3.	UN 1203, PG. II
	Petroleum Crude Oil	3.	UN 1267, Pg. II
	Petroleum Distillates, n.o.s.	3.	UN 1206

THIS IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY NAME AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

Per ______________________ Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver ______________________ Date __________

RECEIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE DATE OF ISSUANCE HEREOF

TAYLOR PROPANE GAS, INC.

Name [illegible signature] Driver #1

Name ______________________ Driver #2

Pickup	Delivery
Gross lbs.	Gross lbs.
Tare lbs.	Tare lbs.
Net lbs.	Net lbs.

	Started Loading	Completed Loading	Hours To Load	Reason For Delay
Loading Information				
Unloading Information	**Started Unloading**	**Completed Unloading**	**Hours To Unload**	**Reason For Delay**

TOTAL HOURS P/R

SPECIAL FUEL PURCHASES

DATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

MILEAGE REPORT

LOCATION	STATE CODE	ODOMETER READING	LOADED	EMPTY		STATE MILES
[illegible]	La.	678[illegible]			LA	
[illegible]	La.				TX	
[illegible]	La.				AR	
					MS	
					AL	
					TN	
					TOTAL	
TOTAL						

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

REMARKS

BANKERS PRODUCTS 800-736-3536
FMTP241625

B GASO

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/22/2007 4:11:53 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11710.D
Sample log number:GE070522003 ->

Specific gravity (60:60): .6658

Vapor pressure (psi): 13.45

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.484	273.204	n-Butane	0.2135
4	4.775	218.024	1-Butane	0.1703
5	5.089	104.288	IsoButane	0.0815
6	6.149	1606.113	c-2-Butane	1.2549
7	6.871	33740.223	Isopentane	26.3619
8	7.347	4526.595	1-Pentene	3.5367
9	7.543	3426.332	2-methyl-1-butene	2.6771
10	7.675	24195.199	n-Pentane	18.9042
11	12.443	59898.395	Hexanes Plus	46.7999

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/22/2007 4:17:31 PM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19231.D
Sample log number:GE070522003 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	[illegible]	[illegible]	[illegible]
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	5.5265	2.305e3	1.988
4	ethyl mercaptan	1624.3040	4.133e5	3.175
5	diMethyl sulfide	933.6376	9.910e4	3.510
6		0.0000	4.011e3	3.985
7		0.0000	4.253e5	4.387
8		0.0000	3.070e3	5.202
9		0.0000	3.195e3	5.307
10		0.0000	3.291e5	5.655
11	ethylmethylsulfide	553.0870	4.689e4	5.795
12		0.0000	727.870	6.568
13	Thiophene	3393.5801	4.951e5	7.182
14		0.0000	5.474e4	7.468
15		0.0000	855.379	7.711
16	diEthyl sulfide	69.0264	4.921e3	8.034
17		0.0000	6.851e4	8.346
18	nbutyl mercaptan	15.7347	1.769e3	8.486
19		0.0000	1.759e3	8.652
20	Dimethyldisulfide	728.1653	7.600e4	9.083
21		0.0000	1.536e4	9.437
22		0.0000	2.521e4	9.596
23		0.0000	3.480e5	9.840
24	2-methyl-1-butanethiol	2642.6364	2.795e5	9.998
25	3-methyl-1-butanethiol	79.0672	8.261e3	10.212
26		0.0000	3.010e3	10.369
27		0.0000	2.514e4	10.593
28	1-pentanethiol	192.0467	1.311e4	10.839
29		0.0000	517.831	11.091
30		0.0000	7.321e4	11.251
31		0.0000	2.168e3	11.449
32		0.0000	5.367e4	11.609
33		0.0000	1.182e5	11.980
34		0.0000	1.293e5	12.082
35		0.0000	1.947e5	12.240
36		0.0000	1.980e5	12.490
37		0.0000	3.899e4	12.812
38		0.0000	6.943e3	12.923
39	ditertbutylsulfide	232.6326	7.044e3	13.008
40	Diethyldisulfide	1104.4825	5.963e4	13.122
41		0.0000	2.430e4	13.336
42		0.0000	743.228	13.513
43		0.0000	1.847e3	13.675
44		0.0000	951.427	13.811
45		0.0000	6.728e4	13.970
46		0.0000	4.140e4	14.212
47	disecbutylsulfide	741.4076	4.045e4	14.418
48	diisobutylsulfide	157.9229	7.381e3	14.665
49		0.0000	2.161e4	15.005
50		0.0000	1.163e5	15.259
51		0.0000	1.878e5	15.473
52		0.0000	3.645e4	15.594
53		0.0000	1.040e3	15.786
54		0.0000	2.353e3	15.971
55		0.0000	3.247e3	16.147

#	Compound Name	Wt ppm	Area	Meas. R
56	dinbutylsulfide	0.0000	0.000	0.000
57		0.0000	8.594e3	16.511
58		0.0000	6.912e4	16.633
59	DiPropyldisulfide	2392.9899	7.398e4	16.726
60		0.0000	1.443e3	16.968
61		0.0000	6.065e4	17.132
62		0.0000	3.983e4	17.223
63		0.0000	2.189e4	17.439
64		0.0000	5.468e3	17.707
65		0.0000	2.632e3	17.831
66		0.0000	4.349e3	17.939
67		0.0000	3.070e4	18.125
68		0.0000	8.182e3	18.311
69		0.0000	2.437e4	18.454
70		0.0000	1.176e4	18.609
71		0.0000	3.482e3	18.949
72		0.0000	6.836e3	19.093
73		0.0000	4.432e3	19.239
74		0.0000	1.133e4	19.687
75		0.0000	2.250e3	20.137
76		0.0000	6.693e3	20.309
77		0.0000	2.640e3	20.735
78		0.0000	3.350e3	21.051
79	Dibutyldisulfide	0.0000	0.000	0.000
80		0.0000	2.832e3	21.919
81		0.0000	1.799e3	22.336
----Total known sulfur cmpds----------		14866.2472		

Total Known Sulfur:	5223.786
Total Unknown Sulfur Compounds:	5412.374
Total Unknown Sulfur:	2411.064
Total Sulfur:	7634.850

Timothy Beary

Louis Dreyfus Olefins LLC
10334 Highway 75
Geismar, LA. 70734

(COL. 1) 4

tank truck order direct manifest
bill of lading

(COLS 17-23) No. 04833

(OTC 7) (KAN MVFM #45)

CONSIGNED TO: (COLS. 2-10)

GOTTSON

LOADING TIME (COLS 11-16) MO. 5 DAY 26 YR. 07

STARTED 1615

FINISHED 1715

SHIP ☐ P.P.D ☐ COL.

CUST. ORDER NO. LONG-04833

SEAL NUMBERS

FROM

THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-45)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP.	ADJUSTMENT FACT.
☐ LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ ______ BUTANE									
☑ Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)	8550	8309.56	A	14.36	.6611	9500	90		
☐ RQ, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
☐ ______									

TANK PRESSURE BEFORE LOADING 0/0

SOURCE OF SHIPMENT PLANT OR LOCATION GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

TRAILER | DATE | DATE

TRUCK NO. 123 | TRAILER NO. 227 | CARRIER GOTTSON

SPECIAL INSTRUCTIONS

NO LEAKS

ETHYL MERCAPTAN

INITIAL | C.C.S.

CC NO.

LOADER Matt

RECEIVING DRIVER [signature]

GROSS WT. 75660

TARE WT. 29860

NET WT. 45800

Carrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as described by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

Louis Dreyfus Olefins LLC
SHIPPER

PER Matt

RECEIVED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

CARRIER GOTTSON

PER [signature]

RECEIVED AT DESTINATION
GEISMAR PLANT

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per ______

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

PERMANENT POST OFFICE ADDRESS OF SHIPPER:

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER
4 CONSIGNEE 5 OTHER

THIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

GOTTSON OIL, INC.
2035 EVANGELINE HWY.
JENNINGS, LA 70546

Shipper's No. _____

(Carrier) _____ SCAC. _____ Carrier's No. 018580

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at CEISMER, date 5-26-07 from LOUIS DREYFUS

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee TAYLOR PROPANE	Shipper LOUIS DREYFUS
Street	Street 10334 HWY 75
Destination LISBON, LA Zip	Origin CEISMER, LA. Zip 70734
Route:	

Delivering Carrier GOTTSON # 123 | Trailer Initial/Number 227 | U.S. DOT Hazmat Reg. Number

No. of Packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
T/T	X	FLAMMABLE LIQUIDS (NATURAL GASOLINE) N.O.S., 3, UN1993, PG I RQ (BENZENE)	3	UN 1993	P-I	17185	BBS	UN1993	

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).
The shipper hereby certifies that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS REQUIRED UN 1993

PLACARDS SUPPLIED ☐ YES ☒ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE

SPECIAL INSTRUCTIONS:

SHIPPER: LOUIS DREYFUS
BY: _____ DATE: 5-26-07
Permanent post office address of shipper

CARRIER: GOTTSON OIL, INC. - 2035 EVANGELINE HWY.
PER: JENNINGS, LA 70546 DATE: 5-26-07

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 424-5571
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

29-BLS-C4 970 (Rev. 11/04)

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
5/26/2007 4:12:22 PM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11721.D
Sample log number:GE070525006 ->

A

Specific gravity (60:60): .6611

Vapor pressure (psi): 14.36

#	Ret.Time	Area	Compound Name	Wt.%
1	2.030	42.624	IsoButane	0.0351
2	0.000	0.000	t-2-Butane	0.0000
3	4.487	273.466	n-Butane	0.2255
4	4.775	176.903	1-Butane	0.1459
5	5.092	133.144	IsoButane	0.1098
6	6.153	1977.498	c-2-Butane	1.6305
7	6.875	35588.719	Isopentane	29.3443
8	7.350	5283.570	1-Pentene	4.3565
9	7.546	4563.590	2-methyl-1-butene	3.7629
10	7.678	22392.906	n-Pentane	18.4638
11	12.443	50847.570	Hexanes Plus	41.9258

Louis Dreyfus Olefins, LLC
Sulfur Analysis
5/26/2007 4:14:46 PM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19254.D
Sample log number:GE070526002 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	5.9405	2.478e3	1.991
4	ethyl mercaptan	1751.0197	4.456e5	3.177
5	diMethyl sulfide	849.4885	9.017e4	3.508
6		0.0000	3.847e3	3.983
7		0.0000	4.272e5	4.385
8		0.0000	3.898e3	5.199
9		0.0000	2.415e3	5.304
10		0.0000	3.292e5	5.634
11	ethylmethylsulfide	415.8504	3.526e4	5.793
12		0.0000	706.132	6.564
13	Thiophene	3194.0434	4.660e5	7.188
14		0.0000	4.538e4	7.466
15		0.0000	807.081	7.711
16	diEthyl sulfide	55.1724	3.933e3	8.032
17		0.0000	6.454e4	8.344
18	nbutyl mercaptan	13.3071	1.496e3	8.483
19		0.0000	1.122e3	8.653
20	Dimethyldisulfide	805.1898	8.404e4	9.081
21		0.0000	1.126e4	9.435
22		0.0000	2.070e4	9.594
23		0.0000	3.178e5	9.815
24	2-methyl-1-butanethiol	2251.9350	2.381e5	9.995
25	3-methyl-1-butanethiol	42.2550	4.415e3	10.210
26		0.0000	2.386e4	10.590
27	1-pentanethiol	154.3453	1.054e4	10.837
28		0.0000	9.048e4	11.248
29		0.0000	2.370e3	11.444
30		0.0000	4.160e4	11.606
31		0.0000	7.865e4	11.977
32		0.0000	8.932e4	12.079
33		0.0000	1.347e5	12.237
34		0.0000	1.406e5	12.487
35		0.0000	2.575e4	12.809
36		0.0000	3.308e3	12.919
37	ditertbutylsulfide	124.8619	3.781e3	13.005
38	Diethyldisulfide	803.9090	4.341e4	13.125
39		0.0000	1.862e4	13.333
40		0.0000	1.761e3	13.509
41		0.0000	3.269e3	13.671
42		0.0000	7.217e4	13.963
43		0.0000	2.888e4	14.213
44	disecbutylsulfide	299.2170	1.633e4	14.414
45	diisobutylsulfide	94.2836	4.407e3	14.661
46		0.0000	1.794e4	15.001
47		0.0000	1.325e5	15.255
48		0.0000	1.763e5	15.469
49		0.0000	3.889e4	15.591
50		0.0000	1.004e3	15.781
51		0.0000	1.177e3	15.969
52		0.0000	3.305e3	16.139
53	dinbutylsulfide	0.0000	0.000	0.000
54		0.0000	8.123e3	16.509
55		0.0000	7.825e4	16.629

#	Compound Name	wt ppm	Area	Meas. R
56	DiPropyldisulfide	2527.7682	7.814e4	16.722
57		0.0000	1.294e3	16.960
58		0.0000	9.408e4	17.127
59		0.0000	1.876e4	17.434
60		0.0000	4.803e3	17.699
61		0.0000	1.809e3	17.822
62		0.0000	3.844e3	17.934
63		0.0000	3.447e4	18.121
64		0.0000	5.386e3	18.309
65		0.0000	2.221e4	18.448
66		0.0000	1.117e4	18.607
67		0.0000	2.724e3	18.945
68		0.0000	5.509e3	19.091
69		0.0000	2.696e3	19.235
70		0.0000	3.722e3	19.682
71		0.0000	2.266e3	20.126
72		0.0000	5.337e3	20.301
73		0.0000	2.946e3	21.045
74	Dibutyldisulfide	0.0000	0.000	0.000
75		0.0000	1.427e3	22.330
----Total known sulfur cmpds----------		13388.5869		

Total Known Sulfur:	4924.259
Total Unknown Sulfur Compounds:	4804.293
Total Unknown Sulfur:	2156.228
Total Sulfur:	7080.486

Timothy Beary

ouis D. eyfus Olefins LLC
.. Higr. vay 75
.inar, LA 70734

(COL 1) 4

tank truck order direct manifest
bill of lading

No. 04894

ONSIGNED TO: (COLS. 2-10)
Gottson

Lisbon, LA.

LOADING TIME	MO.	DAY	YR.
(COLS 11-16)	06	01	07
STARTED	918 Am		
FINISHED	1012 Am		
SHIP	☐ P.P.D	☐ COL.	

CUST ORDER NO. LDGASO 04894
SEAL NUMBERS
FROM
THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS 40-46)	TANK NO.	LPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075								
☐ LPG MIX								
☐ PROPYLENE								
☐ PROPANE								
☐ ________ BUTANE								
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, RQ (Benzene)								
D. SODIUM HYDROXIDE, SOLUTION, 8, UN 1824, PG II								
	1650	8033.79	B	14.58	.6611	8500	90%	70°F

191.28 BLLs

	DATE	DATE
123	TRAILER NO. 210	CARRIER Gottson

INSTRUCTIONS

TANK PRESSURE BEFORE LOADING: D/D

SOURCE OF SHIPMENT PLANT OR LOCATION: GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

ETHYL MERCAPTAN
INITIAL
C.C.S.

CC NO.

AKS

Don Dunbar [signature]

RECEIVING DRIVER
[signature]

ertifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

GROSS WT. 75780

yfus Olefins LLC
SHIPPER

PER Don [signature]

TARE WT. 31500

SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF

AT DESTINATION
ANT

PER [signature]

NET WT. 44280

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the cosignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per ____________

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

FFICE ADDRESS OF SHIPPER

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record

GOTTSON OIL, INC.
2035 EVANGELINE HWY.
JENNINGS, LA 70546

Shipper's No. 01894

Carrier's No. 018574

SCAC.

ier) ...ED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been ...ed by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

Geismer, date 6-1-07 from Louis Dreyfus

...operty described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company ...ord company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its ...or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to ...party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein ...ned, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns

...gnee: Taylor Propane

Shipper: Louis Dreyfus

Street

...nation: Lisbon, LA Zip

Origin: Geismer, LA. Zip

...ering Carrier: Gottson #123

Trailer Initial/Number: 210

U.S. DOT Hazmat Reg. Number

HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
X	Flammable Liquids (Natural Gasoline) n.o.s., 3, UN1993, PG I RQ (Benzene)	3	UN 1993	I	91.28	BBLS	UN1993	

...mit C.O.D. to:
...ress:
State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES
☐ Prepaid ☐ Collect

...re the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. ...or declared value of the property is hereby ...stated by the shipper to be not exceeding ______ per ______

...bility Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B). ...ertify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in ...ition for transportation according to the applicable regulations of the Department of Transportation.

Per

PLACARDS REQUIRED: UN1993

PLACARDS SUPPLIED ☐ YES ☒ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE: [signature]

...CIAL INSTRUCTIONS:

...PPER: Louis Dreyfus
...: [signature] DATE: 6-1-07

CARRIER: GOTTSON OIL, INC. - 2035 EVANGELINE HWY. JENNINGS, LA 70546
PER: DATE: 6-1-07

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 424-5571
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604).

...anent post office address of shipper

29-BLS-C4 970 (Rev. 11/04)

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
6/1/2007 2:19:35 AM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11731.D
Sample log number:GE070601002

Gaso. - "B"

Specific gravity (60:60): -> .6611

Vapor pressure (psi): 14.58

#	Ret.Time	Area	Compound Name	Wt.%
1	0.000	0.000	IsoButane	0.0000
2	0.000	0.000	t-2-Butane	0.0000
3	4.487	163.255	n-Butane	0.1411
4	4.775	155.526	1-Butane	0.1344
5	5.092	98.278	IsoButane	0.0849
6	6.153	1975.460	c-2-Butane	1.7075
7	6.874	34817.105	Isopentane	30.0940
8	7.350	5171.700	1-Pentene	4.4701
9	7.545	5017.666	2-methyl-1-butene	4.3370
10	7.678	18552.676	n-Pentane	16.0359
11	12.445	49742.820	Hexanes Plus	42.9950

Louis Dreyfus Olefins, LLC
Sulfur Analysis
6/1/2007 2:22:03 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19290.D
Sample log number:GE070601002 ->

#	Compound Name	wt ppm	Area	Meas. R
1	hydrogen sulfide	0.0000	0.000	0.000
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	12.9444	5.399e3	1.993
4	ethyl mercaptan	1769.8489	4.504e5	3.146
5	diMethyl sulfide	886.6454	9.411e4	3.527
6		0.0000	3.217e3	4.003
7		0.0000	4.138e5	4.403
8		0.0000	4.086e3	5.221
9		0.0000	4.523e3	5.325
10		0.0000	3.192e5	5.668
11	ethylmethylsulfide	413.8627	3.509e4	5.813
12		0.0000	533.298	6.585
13	Thiophene	3157.1571	4.606e5	7.212
14		0.0000	4.097e4	7.485
15		0.0000	765.708	7.728
16	diEthyl sulfide	51.7083	3.686e3	8.051
17		0.0000	5.825e4	8.363
18	nbutyl mercaptan	13.9188	1.565e3	8.502
19		0.0000	1.467e3	8.677
20	Dimethyldisulfide	877.1820	9.155e4	9.100
21		0.0000	9.999e3	9.454
22		0.0000	1.886e4	9.612
23		0.0000	3.103e5	9.849
24	2-methyl-1-butanethiol	1908.0078	2.018e5	10.014
25	3-methyl-1-butanethiol	78.5529	8.207e3	10.229
26		0.0000	997.921	10.386
27		0.0000	1.953e4	10.609
28	1-pentanethiol	170.1313	1.162e4	10.856
29		0.0000	8.787e4	11.266
30		0.0000	2.560e3	11.462
31		0.0000	3.547e4	11.625
32		0.0000	6.891e4	11.995
33		0.0000	7.526e4	12.097
34		0.0000	1.147e5	12.255
35		0.0000	1.209e5	12.505
36		0.0000	2.292e4	12.828
37	ditertbutylsulfide	103.3533	3.129e3	12.939
38	Diethyldisulfide	961.2804	5.190e4	13.137
39		0.0000	1.731e4	13.350
40		0.0000	2.287e3	13.528
41		0.0000	3.928e3	13.689
42		0.0000	7.489e4	13.982
43		0.0000	3.547e4	14.225
44	disecbutylsulfide	670.7592	3.660e4	14.432
45	diisobutylsulfide	104.7424	4.896e3	14.682
46		0.0000	2.297e4	15.019
47		0.0000	1.547e5	15.272
48		0.0000	1.847e5	15.487
49		0.0000	3.997e4	15.609
50		0.0000	1.113e3	15.800
51		0.0000	864.646	15.984
52		0.0000	3.161e3	16.156
53	dinbutylsulfide	0.0000	0.000	0.000
54		0.0000	9.980e3	16.525
55		0.0000	8.454e4	16.646

Dreyfus Olefins LLC

...nway 75
..., LA 70734

(COL. 1) 4

tank truck order direct manifest bill of lading

No. 05131

ASSIGNED TO: (COLS. 2-10)

TAYLOR

Isbon, La.

LOADING TIME	MO.	DAY	YR.
(COLS. 11-16)	6	22	07

STARTED 1220

FINISHED 135

SHIP ☐ P.P.D ☐ COL.

CUST. ORDER NO. LDGA05131

SEAL NUMBERS

FROM

THRU

DESCRIPTION	GROSS GALLONS	NET GALLONS (COLS. 40-46)	TANK NO.	UPG VAPOR PRESSURE	GRAVITY	CAPACITY GALLONS	PERCENT LOADED	ADJUSTMENT TEMP	ADJUSTMENT FACT
LIQUEFIED PETROLEUM GAS, 2.1, UN 1075 (NON CORROSIVE)									
☐ LPG MIX									
☐ PROPYLENE									
☐ PROPANE									
☐ _____ BUTANE			A	14.68	.6582	10,600	74%		
Flammable Liquids (Natural Gasoline), n.o.s., 3, UN 1993, PG I, (Q (Benzene)									
(Q, SODIUM HYDROXIDE SOLUTION, 8, UN 1824, PG II									
	7844	7260.08	A	1468	.6582	10,600	74%	80°	

TANK PRESSURE BEFORE LOADING 60 / 15 / 0

SOURCE OF SHIPMENT PLANT OR LOCATION GEISMAR

This shipment shall be governed by (a) the contract between shipper and carrier, if carrier is a contract carrier; or (b) the terms of applicable bill of lading from described in National Motor Freight Classification in effect at time of shipment, supplements thereto or reissues thereof, if carrier is a common carrier; provided that, if this is an intrastate shipment by common carrier in a state where bills of lading have been legally prescribed, this shipment shall be governed by the terms of applicable bill of lading.

	DATE	DATE
NO. 84563	TRAILER NO. 1274	CARRIER TAYLOR

IAL INSTRUCTIONS

LEAKS

ETHYL MERCAPTAN

INITIAL C.C.S.

CC NO.

ER B. Petite

RECEIVING DRIVER Johnny Johnson

rrier certifies that the cargo tank supplied for this shipment is a proper container for the transportation of this commodity as ed by the shipper. "This is to certify that the above named materials are properly classified, described, packaged, marked and l, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation."

s Dreyfus Olefins LLC
SHIPPER

PER B. Petite

IVED SUBJECT TO TARIFF'S AND/OR CONTRACT IN EFFECT ON THE DATE OF ISSUANCE HEREOF.

IER TAYLOR

PER Johnny Johnson

EIVED AT DESTINATION
MAR PLANT

GROSS WT. 77880

TARE WT. 38040

NET WT. 39840

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. Louis Dreyfus Olefins LLC.

Per _____

IN CASE OF EMERGENCY, CALL Chemtrec (800) 424-9300

POST OFFICE ADDRESS OF SHIPPER

1 LOUIS DREYFUS 2 WILLIAMS 3 MOTOR CARRIER

258983

[T]AYLOR PROPANE GAS, INC.

[P.]O. BOX 438
[Wi]nnsboro, TX 75494
[90]3-342-1300

DOT# 236068
ICC # MC 241655

EMERGENCY CONTACT CHEMTREC 1-800-424-9300

[Pick]up Date	Origin (Company Name)	Plant Location/Town	Picked Up For The Account Of
[illegible]	Louis Dreyfus	Recamier LA	TGL
[Deli]very Date	**Destination (Company Name)**	**Plant Location/Town**	**Delivered To The Account Of**
[illegible]	Taylor Gas	Welcome LA	TGL
[Truc]k #	**Trailer #**	**Freight Charges To:**	**Special Instructions**
4500	1C1U		

[Trail]er Capacity	Percent Loaded	Gross Gallons	Temperature F	Vapor Pressure	Specific Gravity	Vol. Correction Factor	Net Gallons at 60° F Received
[illegible]	94	7941	80	60	6552		7260

[Com]modity: Natural Gas

[Shi]p[ping] [Numbe]r: MJ 05121

	Liquefied Petroleum Gas/NONCOR	2.1	UN 1075
	Natural Gasoline	3.	UN 1203, PG. II
	Petroleum Crude Oil	3.	UN 1267, Pg. II
	Petroleum Distillates, n.o.s.	3.	UN 1206

[TH]IS TO CERTIFY THAT THE ABOVE ARTICLES ARE PROPERLY DESCRIBED BY [NAM]E AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO [THE] REGULATIONS PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION.

[signature] Shipper

RECEIVED THE ABOVE DESCRIBED PROPERTY IN GOOD CONDITION EXCEPT AS NOTED.

Receiver ______ Date ______

[REC]EIVED SUBJECT TO THE TARIFFS IN EFFECT ON THE [DAT]E OF ISSUANCE HEREOF

TAYLOR PROPANE GAS, INC.

[signature] Driver #1

Driver #2

Pickup		Delivery	
Gross lbs.	77880	Gross lbs.	
Tare lbs.	39040	Tare lbs.	
Net lbs.	38,940	Net lbs.	

	Started Loading	Completed Loading	Hours To Load	Reason For Delay
[Load]ing [Origi]nation				
	Started Unloading	**Completed Unloading**	**Hours To Unload**	**Reason For Delay**
[Unload]ing [Desti]nation				

TOTAL HOURS P/R

SPECIAL FUEL PURCHASES

[D]ATE	INVOICE NO.	NAME OF STATION	LOCATION	HUB READING	GALLONS	AMOUNT

CHARGES

ITEM	RATE	AMT.
FREIGHT		
DEMURRAGE		

MILEAGE REPORT

[LO]CATION	STATE CODE	ODOMETER READING	LOADED	EMPTY		STATE MILES
[illegible]	LA	833974			LA	
					TX	
					AR	
					MS	
					AL	
					TN	
					TOTAL	
TOTAL						

REMARKS

BANKERS PRODUCTS 800-736-3536
EMTP241625

A-Tank

Gulf Liquids New River Project, LLC
Geismar site
Gasoline Vial 1
6/22/2007 4:16:11 AM
C:\HPCHEM\2\METHODS\1GASO.M
C:\HPCHEM\2\DATA\SIG11792.D
Sample log number:GE070620001 ->

Specific gravity (60:60): .6582

Vapor pressure (psi): 14.68

#	Ret.Time	Area	Compound Name	Wt.%
1	2.031	24.250	IsoButane	0.0242
2	0.000	0.000	t-2-Butane	0.0000
3	4.496	60.159	n-Butane	0.0600
4	4.776	112.941	1-Butane	0.1126
5	5.103	33.610	IsoButene	0.0335
6	6.166	1525.004	c-2-Butane	1.5198
7	6.887	32706.105	Isopentane	32.5936
8	7.358	3888.393	1-Pentene	3.8750
9	7.554	4218.803	2-methyl-1-butene	4.2043
10	7.687	18180.447	n-Pentane	18.1179
11	12.443	39595.383	Hexanes Plus	39.4592

Louis Dreyfus Olefins, LLC
Sulfur Analysis
6/22/2007 5:59:39 AM
C:\HPCHEM\4\METHODS\SULFGASO.M
C:\HPCHEM\4\DATA\SIG19430.D
Sample log number:GE070622001 ->

#	Compound Name	wt ppm	Area	Meas. R
2	carbonyl sulfide	0.0000	0.000	0.000
3	methyl mercaptan	42.8959	1.789e4	1.950
4	ethyl mercaptan	2400.1495	6.108e5	3.092
5	diMethyl sulfide	2375.8198	2.522e5	3.492
6		0.0000	8.503e3	3.675
7		0.0000	2.003e3	3.979
8		0.0000	5.205e5	4.331
9		0.0000	2.400e4	5.207
10		0.0000	1.098e4	5.311
11		0.0000	4.009e5	5.633
12	ethylmethylsulfide	1064.3577	9.024e4	5.803
13		0.0000	2.201e3	5.968
14		0.0000	428.832	6.580
15	Thiophene	3584.2656	5.229e5	7.186
16		0.0000	6.830e4	7.480
17		0.0000	1.494e3	7.722
18	diEthyl sulfide	310.2234	2.212e4	8.047
19		0.0000	8.508e4	8.361
20	nbutyl mercaptan	55.5178	6.243e3	8.502
21		0.0000	2.436e3	8.671
22	Dimethyldisulfide	2642.9589	2.758e5	9.098
23		0.0000	2.303e3	9.235
24		0.0000	2.335e4	9.453
25		0.0000	2.775e4	9.612
26		0.0000	3.294e5	9.855
27	2-methyl-1-butanethiol	2411.3598	2.550e5	10.014
28	3-methyl-1-butanethiol	95.9397	1.002e4	10.224
29		0.0000	2.841e4	10.609
30	1-pentanethiol	184.5583	1.260e4	10.856
31		0.0000	1.895e5	11.268
32		0.0000	3.835e3	11.469
33		0.0000	4.586e4	11.626
34		0.0000	9.099e4	11.998
35		0.0000	9.420e4	12.100
36		0.0000	1.292e5	12.258
37		0.0000	1.572e5	12.508
38		0.0000	3.919e4	12.830
39		0.0000	1.272e3	12.942
40	ditertbutylsulfide	52.2502	1.582e3	13.023
41	Diethyldisulfide	1487.6912	8.033e4	13.149
42		0.0000	2.676e4	13.354
43		0.0000	2.771e3	13.530
44		0.0000	2.475e3	13.692
45		0.0000	6.177e4	13.987
46		0.0000	3.366e4	14.235
47	disecbutylsulfide	385.7988	2.105e4	14.436
48	diisobutylsulfide	212.5612	9.935e3	14.682
49		0.0000	2.943e4	15.023
50		0.0000	9.523e4	15.276
51		0.0000	1.276e5	15.490
52		0.0000	1.183e4	15.609
53		0.0000	1.316e3	15.990
54		0.0000	4.429e3	16.166
55	dinbutylsulfide	0.0000	0.000	0.000

#	Compound Name	wt ppm	Area	Meas. R
56		0.0000	4.096e3	16.398
57		0.0000	6.550e3	16.528
58		0.0000	4.669e4	16.650
59	DiPropyldisulfide	1933.4275	5.977e4	16.744
60		0.0000	901.464	16.986
61		0.0000	5.379e4	17.151
62		0.0000	1.160e4	17.457
63		0.0000	1.129e3	17.734
64		0.0000	679.803	17.854
65		0.0000	2.204e3	17.960
66		0.0000	2.222e4	18.148
67		0.0000	1.692e4	18.475
68		0.0000	8.595e3	18.634
69		0.0000	2.884e3	18.973
70		0.0000	3.228e3	19.121
71		0.0000	2.740e3	19.259
72		0.0000	1.254e3	19.720
73		0.0000	2.011e3	19.886
74		0.0000	4.404e3	20.335
75		0.0000	1.412e3	21.079
76	Dibutyldisulfide	0.0000	0.000	0.000
77		0.0000	2.045e3	22.384
	----Total known sulfur cmpds----------	19239.7753		

Total Known Sulfur:	7984.648
Total Unknown Sulfur Compounds:	5213.093
Total Unknown Sulfur:	2333.433
Total Sulfur:	10318.080

Timothy Beary

Attachment G

#2

ATTACHMENT G

						TANK A1							
				45' 0" I.D. X 36' 0" HIGH (10,194 barrels)									
						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		23.60	47.20	70.79	94.39	117.99	141.59	165.18	188.78	212.38	235.98	259.57	0
1	283.17	306.77	330.37	353.96	377.56	401.16	424.76	448.35	471.95	495.55	519.15	542.74	1
2	566.34	589.94	613.54	637.13	660.73	684.33	707.93	731.52	755.12	778.72	802.32	825.91	2
3	849.51	873.11	896.71	920.30	943.90	967.50	991.10	1014.69	1038.29	1061.89	1085.49	1109.08	3
4	1132.68	1156.28	1179.88	1203.47	1227.07	1250.67	1274.27	1297.86	1321.46	1345.06	1368.66	1392.25	4
5	1415.85	1439.45	1463.05	1486.64	1510.24	1533.84	1557.44	1581.03	1604.63	1628.23	1651.83	1675.42	5
6	1699.02	1722.62	1746.22	1769.81	1793.41	1817.01	1840.61	1864.20	1887.80	1911.40	1935.00	1958.59	6
7	1982.19	2005.79	2029.39	2052.98	2076.58	2100.18	2123.78	2147.37	2170.97	2194.57	2218.17	2241.76	7
8	2265.36	2288.96	2312.56	2336.15	2359.75	2383.35	2406.95	2430.54	2454.14	2477.74	2501.34	2524.93	8
9	2548.53	2572.13	2595.73	2619.32	2642.92	2666.52	2690.12	2713.71	2737.31	2760.91	2784.51	2808.10	9
10	2831.7	2855.30	2878.90	2902.49	2926.09	2949.69	2973.29	2996.88	3020.48	3044.08	3067.68	3091.27	10
11	3114.87	3138.47	3162.07	3185.66	3209.26	3232.86	3256.46	3280.05	3303.65	3327.25	3350.85	3374.44	11
12	3398.04	3421.64	3445.24	3468.83	3492.43	3516.03	3539.63	3563.22	3586.82	3610.42	3634.02	3657.61	12
13	3681.21	3704.81	3728.41	3752.00	3775.60	3799.20	3822.80	3846.39	3869.99	3893.59	3917.19	3940.78	13
14	3964.38	3987.98	4011.58	4035.17	4058.77	4082.37	4105.97	4129.56	4153.16	4176.76	4200.36	4223.95	14
15	4247.55	4271.15	4294.75	4318.34	4341.94	4365.54	4389.14	4412.73	4436.33	4459.93	4483.53	4507.12	15
16	4530.72	4554.32	4577.92	4601.51	4625.11	4648.71	4672.31	4695.90	4719.50	4743.10	4766.70	4790.29	16
17	4813.89	4837.49	4861.09	4884.68	4908.28	4931.88	4955.48	4979.07	5002.67	5026.27	5049.87	5073.46	17
18	5097.06	5120.66	5144.26	5167.85	5191.45	5215.05	5238.65	5262.24	5285.84	5309.44	5333.04	5356.63	18
19	5380.23	5403.83	5427.43	5451.02	5474.62	5498.22	5521.82	5545.41	5569.01	5592.61	5616.21	5639.80	19
20	5663.4	5687.00	5710.60	5734.19	5757.79	5781.39	5804.99	5828.58	5852.18	5875.78	5899.38	5922.97	20
21	5946.57	5970.17	5993.77	6017.36	6040.96	6064.56	6088.16	6111.75	6135.35	6158.95	6182.55	6206.14	21
22	6229.74	6253.34	6276.94	6300.53	6324.13	6347.73	6371.33	6394.92	6418.52	6442.12	6465.72	6489.31	22
23	6512.91	6536.51	6560.11	6583.70	6607.30	6630.90	6654.50	6678.09	6701.69	6725.29	6748.89	6772.48	23
24	6796.08	6819.68	6843.28	6866.87	6890.47	6914.07	6937.67	6961.26	6984.86	7008.46	7032.06	7055.65	24
25	7079.25	7102.85	7126.45	7150.04	7173.64	7197.24	7220.84	7244.43	7268.03	7291.63	7315.23	7338.82	25
26	7362.42	7386.02	7409.62	7433.21	7456.81	7480.41	7504.01	7527.60	7551.20	7574.80	7598.40	7621.99	26
27	7645.59	7669.19	7692.79	7716.38	7739.98	7763.58	7787.18	7810.77	7834.37	7857.97	7881.57	7905.16	27
28	7928.76	7952.36	7975.96	7999.55	8023.15	8046.75	8070.35	8093.94	8117.54	8141.14	8164.74	8188.33	28
29	8211.93	8235.53	8259.13	8282.72	8306.32	8329.92	8353.52	8377.11	8400.71	8424.31	8447.91	8471.50	29
30	8495.1	8518.70	8542.30	8565.89	8589.49	8613.09	8636.69	8660.28	8683.88	8707.48	8731.08	8754.67	30
31	8778.27	8801.87	8825.47	8849.06	8872.66	8896.26	8919.86	8943.45	8967.05	8990.65	9014.25	9037.84	31
32	9061.44	9085.04	9108.64	9132.23	9155.83	9179.43	9203.03	9226.62	9250.22	9273.82	9297.42	9321.01	32
33	9344.61	9368.21	9391.81	9415.40	9439.00	9462.60	9486.20	9509.79	9533.39	9556.99	9580.59	9604.18	33
34	9627.78	9651.38	9674.98	9698.57	9722.17	9745.77	9769.37	9792.96	9816.56	9840.16	9863.76	9887.35	34
35	9910.95	9934.55	9958.15	9981.74	10005.34	10028.94	10052.54	10076.13	10099.73	10123.33	10146.93	10170.52	35
36	10194.12												36

TANK B2

60' 0" I.D. X 40' 0" HIGH (20,141 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		41.96	83.92	125.89	167.85	209.81	251.77	293.73	335.69	377.66	419.62	461.58	0
1	503.54	545.50	587.46	629.43	671.39	713.35	755.31	797.27	839.23	881.20	923.16	965.12	1
2	1007.08	1049.04	1091.00	1132.97	1174.93	1216.89	1258.85	1300.81	1342.77	1384.74	1426.70	1468.66	2
3	1510.62	1552.58	1594.54	1636.51	1678.47	1720.43	1762.39	1804.35	1846.31	1888.28	1930.24	1972.20	3
4	2014.16	2056.12	2098.08	2140.05	2182.01	2223.97	2265.93	2307.89	2349.85	2391.82	2433.78	2475.74	4
5	2517.70	2559.66	2601.62	2643.59	2685.55	2727.51	2769.47	2811.43	2853.39	2895.36	2937.32	2979.28	5
6	3021.24	3063.20	3105.16	3147.13	3189.09	3231.05	3273.01	3314.97	3356.93	3398.90	3440.86	3482.82	6
7	3524.78	3566.74	3608.70	3650.67	3692.63	3734.59	3776.55	3818.51	3860.47	3902.44	3944.40	3986.36	7
8	4028.32	4070.28	4112.24	4154.21	4196.17	4238.13	4280.09	4322.05	4364.01	4405.98	4447.94	4489.90	8
9	4531.86	4573.82	4615.78	4657.75	4699.71	4741.67	4783.63	4825.59	4867.55	4909.52	4951.48	4993.44	9
10	5035.40	5077.36	5119.32	5161.29	5203.25	5245.21	5287.17	5329.13	5371.09	5413.06	5455.02	5496.98	10
11	5538.94	5580.90	5622.86	5664.83	5706.79	5748.75	5790.71	5832.67	5874.63	5916.60	5958.56	6000.52	11
12	6042.48	6084.44	6126.40	6168.37	6210.33	6252.29	6294.25	6336.21	6378.17	6420.14	6462.10	6504.06	12
13	6546.02	6587.98	6629.94	6671.91	6713.87	6755.83	6797.79	6839.75	6881.71	6923.68	6965.64	7007.60	13
14	7049.56	7091.52	7133.48	7175.45	7217.41	7259.37	7301.33	7343.29	7385.25	7427.22	7469.18	7511.14	14
15	7553.10	7595.06	7637.02	7678.99	7720.95	7762.91	7804.87	7846.83	7888.79	7930.76	7972.72	8014.68	15
16	8056.64	8098.60	8140.56	8182.53	8224.49	8266.45	8308.41	8350.37	8392.33	8434.30	8476.26	8518.22	16
17	8560.18	8602.14	8644.10	8686.07	8728.03	8769.99	8811.95	8853.91	8895.87	8937.84	8979.80	9021.76	17
18	9063.72	9105.68	9147.64	9189.61	9231.57	9273.53	9315.49	9357.45	9399.41	9441.38	9483.34	9525.30	18
19	9567.26	9609.22	9651.18	9693.15	9735.11	9777.07	9819.03	9860.99	9902.95	9944.92	9986.88	10028.84	19
20	10070.80	10112.76	10154.72	10196.69	10238.65	10280.61	10322.57	10364.53	10406.49	10448.46	10490.42	10532.38	20
21	10574.34	10616.30	10658.26	10700.23	10742.19	10784.15	10826.11	10868.07	10910.03	10952.00	10993.96	11035.92	21
22	11077.88	11119.84	11161.80	11203.77	11245.73	11287.69	11329.65	11371.61	11413.57	11455.54	11497.50	11539.46	22
23	11581.42	11623.38	11665.34	11707.31	11749.27	11791.23	11833.19	11875.15	11917.11	11959.08	12001.04	12043.00	23
24	12084.96	12126.92	12168.88	12210.85	12252.81	12294.77	12336.73	12378.69	12420.65	12462.62	12504.58	12546.54	24
25	12588.50	12630.46	12672.42	12714.39	12756.35	12798.31	12840.27	12882.23	12924.19	12966.16	13008.12	13050.08	25
26	13092.04	13134.00	13175.96	13217.93	13259.89	13301.85	13343.81	13385.77	13427.73	13469.70	13511.66	13553.62	26
27	13595.58	13637.54	13679.50	13721.47	13763.43	13805.39	13847.35	13889.31	13931.27	13973.24	14015.20	14057.16	27
28	14099.12	14141.08	14183.04	14225.01	14266.97	14308.93	14350.89	14392.85	14434.81	14476.78	14518.74	14560.70	28
29	14602.66	14644.62	14686.58	14728.55	14770.51	14812.47	14854.43	14896.39	14938.35	14980.32	15022.28	15064.24	29
30	15106.20	15148.16	15190.12	15232.09	15274.05	15316.01	15357.97	15399.93	15441.89	15483.86	15525.82	15567.78	30
31	15609.74	15651.70	15693.66	15735.63	15777.59	15819.55	15861.51	15903.47	15945.43	15987.40	16029.36	16071.32	31
32	16113.28	16155.24	16197.20	16239.17	16281.13	16323.09	16365.05	16407.01	16448.97	16490.94	16532.90	16574.86	32
33	16616.82	16658.78	16700.74	16742.71	16784.67	16826.63	16868.59	16910.55	16952.51	16994.48	17036.44	17078.40	33
34	17120.36	17162.32	17204.28	17246.25	17288.21	17330.17	17372.13	17414.09	17456.05	17498.02	17539.98	17581.94	34
35	17623.90	17665.86	17707.82	17749.79	17791.75	17833.71	17875.67	17917.63	17959.59	18001.56	18043.52	18085.48	35
36	18127.44	18169.40	18211.36	18253.33	18295.29	18337.25	18379.21	18421.17	18463.13	18505.10	18547.06	18589.02	36
37	18630.98	18672.94	18714.90	18756.87	18798.83	18840.79	18882.75	18924.71	18966.67	19008.64	19050.60	19092.56	37
38	19134.52	19176.48	19218.44	19260.41	19302.37	19344.33	19386.29	19428.25	19470.21	19512.18	19554.14	19596.10	38
39	19638.06	19680.02	19721.98	19763.95	19805.91	19847.87	19889.83	19931.79	19973.75	20015.72	20057.68	20099.64	39
40	20141.60												40

TANK C3

60' 0" I.D. X 40' 0" HIGH (20,141 barrels)

						Inches								
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		41.96	83.92	125.89	167.85	209.81	251.77	293.73	335.69	377.66	419.62	461.58	0
1	503.54	545.50	587.46	629.43	671.39	713.35	755.31	797.27	839.23	881.20	923.16	965.12	1
2	1007.08	1049.04	1091.00	1132.97	1174.93	1216.89	1258.85	1300.81	1342.77	1384.74	1426.70	1468.66	2
3	1510.62	1552.58	1594.54	1636.51	1678.47	1720.43	1762.39	1804.35	1846.31	1888.28	1930.24	1972.20	3
4	2014.16	2056.12	2098.08	2140.05	2182.01	2223.97	2265.93	2307.89	2349.85	2391.82	2433.78	2475.74	4
5	2517.70	2559.66	2601.62	2643.59	2685.55	2727.51	2769.47	2811.43	2853.39	2895.36	2937.32	2979.28	5
6	3021.24	3063.20	3105.16	3147.13	3189.09	3231.05	3273.01	3314.97	3356.93	3398.90	3440.86	3482.82	6
7	3524.78	3566.74	3608.70	3650.67	3692.63	3734.59	3776.55	3818.51	3860.47	3902.44	3944.40	3986.36	7
8	4028.32	4070.28	4112.24	4154.21	4196.17	4238.13	4280.09	4322.05	4364.01	4405.98	4447.94	4489.90	8
9	4531.86	4573.82	4615.78	4657.75	4699.71	4741.67	4783.63	4825.59	4867.55	4909.52	4951.48	4993.44	9
10	5035.40	5077.36	5119.32	5161.29	5203.25	5245.21	5287.17	5329.13	5371.09	5413.06	5455.02	5496.98	10
11	5538.94	5580.90	5622.86	5664.83	5706.79	5748.75	5790.71	5832.67	5874.63	5916.60	5958.56	6000.52	11
12	6042.48	6084.44	6126.40	6168.37	6210.33	6252.29	6294.25	6336.21	6378.17	6420.14	6462.10	6504.06	12
13	6546.02	6587.98	6629.94	6671.91	6713.87	6755.83	6797.79	6839.75	6881.71	6923.68	6965.64	7007.60	13
14	7049.56	7091.52	7133.48	7175.45	7217.41	7259.37	7301.33	7343.29	7385.25	7427.22	7469.18	7511.14	14
15	7553.10	7595.06	7637.02	7678.99	7720.95	7762.91	7804.87	7846.83	7888.79	7930.76	7972.72	8014.68	15
16	8056.64	8098.60	8140.56	8182.53	8224.49	8266.45	8308.41	8350.37	8392.33	8434.30	8476.26	8518.22	16
17	8560.18	8602.14	8644.10	8686.07	8728.03	8769.99	8811.95	8853.91	8895.87	8937.84	8979.80	9021.76	17
18	9063.72	9105.68	9147.64	9189.61	9231.57	9273.53	9315.49	9357.45	9399.41	9441.38	9483.34	9525.30	18
19	9567.26	9609.22	9651.18	9693.15	9735.11	9777.07	9819.03	9860.99	9902.95	9944.92	9986.88	10028.84	19
20	10070.80	10112.76	10154.72	10196.69	10238.65	10280.61	10322.57	10364.53	10406.49	10448.46	10490.42	10532.38	20
21	10574.34	10616.30	10658.26	10700.23	10742.19	10784.15	10826.11	10868.07	10910.03	10952.00	10993.96	11035.92	21
22	11077.88	11119.84	11161.80	11203.77	11245.73	11287.69	11329.65	11371.61	11413.57	11455.54	11497.50	11539.46	22
23	11581.42	11623.38	11665.34	11707.31	11749.27	11791.23	11833.19	11875.15	11917.11	11959.08	12001.04	12043.00	23
24	12084.96	12126.92	12168.88	12210.85	12252.81	12294.77	12336.73	12378.69	12420.65	12462.62	12504.58	12546.54	24
25	12588.50	12630.46	12672.42	12714.39	12756.35	12798.31	12840.27	12882.23	12924.19	12966.16	13008.12	13050.08	25
26	13092.04	13134.00	13175.96	13217.93	13259.89	13301.85	13343.81	13385.77	13427.73	13469.70	13511.66	13553.62	26
27	13595.58	13637.54	13679.50	13721.47	13763.43	13805.39	13847.35	13889.31	13931.27	13973.24	14015.20	14057.16	27
28	14099.12	14141.08	14183.04	14225.01	14266.97	14308.93	14350.89	14392.85	14434.81	14476.78	14518.74	14560.70	28
29	14602.66	14644.62	14686.58	14728.55	14770.51	14812.47	14854.43	14896.39	14938.35	14980.32	15022.28	15064.24	29
30	15106.20	15148.16	15190.12	15232.09	15274.05	15316.01	15357.97	15399.93	15441.89	15483.86	15525.82	15567.78	30
31	15609.74	15651.70	15693.66	15735.63	15777.59	15819.55	15861.51	15903.47	15945.43	15987.40	16029.36	16071.32	31
32	16113.28	16155.24	16197.20	16239.17	16281.13	16323.09	16365.05	16407.01	16448.97	16490.94	16532.90	16574.86	32
33	16616.82	16658.78	16700.74	16742.71	16784.67	16826.63	16868.59	16910.55	16952.51	16994.48	17036.44	17078.40	33
34	17120.36	17162.32	17204.28	17246.25	17288.21	17330.17	17372.13	17414.09	17456.05	17498.02	17539.98	17581.94	34
35	17623.90	17665.86	17707.82	17749.79	17791.75	17833.71	17875.67	17917.63	17959.59	18001.56	18043.52	18085.48	35
36	18127.44	18169.40	18211.36	18253.33	18295.29	18337.25	18379.21	18421.17	18463.13	18505.10	18547.06	18589.02	36
37	18630.98	18672.94	18714.90	18756.87	18798.83	18840.79	18882.75	18924.71	18966.67	19008.64	19050.60	19092.56	37
38	19134.52	19176.48	19218.44	19260.41	19302.37	19344.33	19386.29	19428.25	19470.21	19512.18	19554.14	19596.10	38
39	19638.06	19680.02	19721.98	19763.95	19805.91	19847.87	19889.83	19931.79	19973.75	20015.72	20057.68	20099.64	39
40	20141.60												40

						TANK D4							
				33' 6" I.D. X 32' 0" HIGH (5,023 barrels)									
						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		14.15	26.16	39.24	52.32	65.40	78.49	91.57	104.65	117.73	130.81	143.89	0
1	156.97	170.05	183.13	196.21	209.29	222.37	235.46	248.54	261.62	274.70	287.78	300.86	1
2	313.94	327.02	340.10	353.18	366.26	379.34	392.43	405.51	418.59	431.67	444.75	457.83	2
3	470.91	483.99	497.07	510.15	523.23	536.31	549.40	562.48	575.56	588.64	601.72	614.80	3
4	627.88	640.96	654.04	667.12	680.20	693.28	706.37	719.45	732.53	745.61	758.69	771.77	4
5	784.85	797.93	811.01	824.09	837.17	850.25	863.34	876.42	889.50	902.58	915.66	928.74	5
6	941.82	954.90	967.98	981.06	994.14	1007.22	1020.31	1033.39	1046.47	1059.55	1072.63	1085.71	6
7	1098.79	1111.87	1124.95	1138.03	1151.11	1164.19	1177.28	1190.36	1203.44	1216.52	1229.60	1242.68	7
8	1255.76	1268.84	1281.92	1295.00	1308.08	1321.16	1334.25	1347.33	1360.41	1373.49	1386.57	1399.65	8
9	1412.73	1425.81	1438.89	1451.97	1465.05	1478.13	1491.22	1504.30	1517.38	1530.46	1543.54	1556.62	9
10	1569.7	1582.78	1595.86	1608.94	1622.02	1635.10	1648.19	1661.27	1674.35	1687.43	1700.51	1713.59	10
11	1726.67	1739.75	1752.83	1765.91	1778.99	1792.07	1805.16	1818.24	1831.32	1844.40	1857.48	1870.56	11
12	1883.64	1896.72	1909.80	1922.88	1935.96	1949.04	1962.13	1975.21	1988.29	2001.37	2014.45	2027.53	12
13	2040.61	2053.69	2066.77	2079.85	2092.93	2106.01	2119.10	2132.18	2145.26	2158.34	2171.42	2184.50	13
14	2197.58	2210.66	2223.74	2236.82	2249.90	2262.98	2276.07	2289.15	2302.23	2315.31	2328.39	2341.47	14
15	2354.55	2367.63	2380.71	2393.79	2406.87	2419.95	2433.04	2446.12	2459.20	2472.28	2485.36	2498.44	15
16	2511.52	2524.60	2537.68	2550.76	2563.84	2576.92	2590.01	2603.09	2616.17	2629.25	2642.33	2655.41	16
17	2668.49	2681.57	2694.65	2707.73	2720.81	2733.89	2746.98	2760.06	2773.14	2786.22	2799.30	2812.38	17
18	2825.46	2838.54	2851.62	2864.70	2877.78	2890.86	2903.95	2917.03	2930.11	2943.19	2956.27	2969.35	18
19	2982.43	2995.51	3008.59	3021.67	3034.75	3047.83	3060.92	3074.00	3087.08	3100.16	3113.24	3126.32	19
20	3139.4	3152.48	3165.56	3178.64	3191.72	3204.80	3217.89	3230.97	3244.05	3257.13	3270.21	3283.29	20
21	3296.37	3309.45	3322.53	3335.61	3348.69	3361.77	3374.86	3387.94	3401.02	3414.10	3427.18	3440.26	21
22	3453.34	3466.42	3479.50	3492.58	3505.66	3518.74	3531.83	3544.91	3557.99	3571.07	3584.15	3597.23	22
23	3610.31	3623.39	3636.47	3649.55	3662.63	3675.71	3688.80	3701.88	3714.96	3728.04	3741.12	3754.20	23
24	3767.28	3780.36	3793.44	3806.52	3819.60	3832.68	3845.77	3858.85	3871.93	3885.01	3898.09	3911.17	24
25	3924.25	3937.33	3950.41	3963.49	3976.57	3989.65	4002.74	4015.82	4028.90	4041.98	4055.06	4068.14	25
26	4081.22	4094.30	4107.38	4120.46	4133.54	4146.62	4159.71	4172.79	4185.87	4198.95	4212.03	4225.11	26
27	4238.19	4251.27	4264.35	4277.43	4290.51	4303.59	4316.68	4329.76	4342.84	4355.92	4369.00	4382.08	27
28	4395.16	4408.24	4421.32	4434.40	4447.48	4460.56	4473.65	4486.73	4499.81	4512.89	4525.97	4539.05	28
29	4552.13	4565.21	4578.29	4591.37	4604.45	4617.53	4630.62	4643.70	4656.78	4669.86	4682.94	4696.02	29
30	4709.1	4722.18	4735.26	4748.34	4761.42	4774.50	4787.59	4800.67	4813.75	4826.83	4839.91	4852.99	30
31	4866.07	4879.15	4892.23	4905.31	4918.39	4931.47	4944.56	4957.64	4970.72	4983.80	4996.88	5009.96	31
32	5023.04												32

						TANK E5							
				33' 6" I.D. X 32' 0" HIGH (5,023 barrels)									
						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		14.15	26.16	39.24	52.32	65.40	78.49	91.57	104.65	117.73	130.81	143.89	0
1	156.97	170.05	183.13	196.21	209.29	222.37	235.46	248.54	261.62	274.70	287.78	300.86	1
2	313.94	327.02	340.10	353.18	366.26	379.34	392.43	405.51	418.59	431.67	444.75	457.83	2
3	470.91	483.99	497.07	510.15	523.23	536.31	549.40	562.48	575.56	588.64	601.72	614.80	3
4	627.88	640.96	654.04	667.12	680.20	693.28	706.37	719.45	732.53	745.61	758.69	771.77	4
5	784.85	797.93	811.01	824.09	837.17	850.25	863.34	876.42	889.50	902.58	915.66	928.74	5
6	941.82	954.90	967.98	981.06	994.14	1007.22	1020.31	1033.39	1046.47	1059.55	1072.63	1085.71	6
7	1098.79	1111.87	1124.95	1138.03	1151.11	1164.19	1177.28	1190.36	1203.44	1216.52	1229.60	1242.68	7
8	1255.76	1268.84	1281.92	1295.00	1308.08	1321.16	1334.25	1347.33	1360.41	1373.49	1386.57	1399.65	8
9	1412.73	1425.81	1438.89	1451.97	1465.05	1478.13	1491.22	1504.30	1517.38	1530.46	1543.54	1556.62	9
10	1569.7	1582.78	1595.86	1608.94	1622.02	1635.10	1648.19	1661.27	1674.35	1687.43	1700.51	1713.59	10
11	1726.67	1739.75	1752.83	1765.91	1778.99	1792.07	1805.16	1818.24	1831.32	1844.40	1857.48	1870.56	11
12	1883.64	1896.72	1909.80	1922.88	1935.96	1949.04	1962.13	1975.21	1988.29	2001.37	2014.45	2027.53	12
13	2040.61	2053.69	2066.77	2079.85	2092.93	2106.01	2119.10	2132.18	2145.26	2158.34	2171.42	2184.50	13
14	2197.58	2210.66	2223.74	2236.82	2249.90	2262.98	2276.07	2289.15	2302.23	2315.31	2328.39	2341.47	14
15	2354.55	2367.63	2380.71	2393.79	2406.87	2419.95	2433.04	2446.12	2459.20	2472.28	2485.36	2498.44	15
16	2511.52	2524.60	2537.68	2550.76	2563.84	2576.92	2590.01	2603.09	2616.17	2629.25	2642.33	2655.41	16
17	2668.49	2681.57	2694.65	2707.73	2720.81	2733.89	2746.98	2760.06	2773.14	2786.22	2799.30	2812.38	17
18	2825.46	2838.54	2851.62	2864.70	2877.78	2890.86	2903.95	2917.03	2930.11	2943.19	2956.27	2969.35	18
19	2982.43	2995.51	3008.59	3021.67	3034.75	3047.83	3060.92	3074.00	3087.08	3100.16	3113.24	3126.32	19
20	3139.4	3152.48	3165.56	3178.64	3191.72	3204.80	3217.89	3230.97	3244.05	3257.13	3270.21	3283.29	20
21	3296.37	3309.45	3322.53	3335.61	3348.69	3361.77	3374.86	3387.94	3401.02	3414.10	3427.18	3440.26	21
22	3453.34	3466.42	3479.50	3492.58	3505.66	3518.74	3531.83	3544.91	3557.99	3571.07	3584.15	3597.23	22
23	3610.31	3623.39	3636.47	3649.55	3662.63	3675.71	3688.80	3701.88	3714.96	3728.04	3741.12	3754.20	23
24	3767.28	3780.36	3793.44	3806.52	3819.60	3832.68	3845.77	3858.85	3871.93	3885.01	3898.09	3911.17	24
25	3924.25	3937.33	3950.41	3963.49	3976.57	3989.65	4002.74	4015.82	4028.90	4041.98	4055.06	4068.14	25
26	4081.22	4094.30	4107.38	4120.46	4133.54	4146.62	4159.71	4172.79	4185.87	4198.95	4212.03	4225.11	26
27	4238.19	4251.27	4264.35	4277.43	4290.51	4303.59	4316.68	4329.76	4342.84	4355.92	4369.00	4382.08	27
28	4395.16	4408.24	4421.32	4434.40	4447.48	4460.56	4473.65	4486.73	4499.81	4512.89	4525.97	4539.05	28
29	4552.13	4565.21	4578.29	4591.37	4604.45	4617.53	4630.62	4643.70	4656.78	4669.86	4682.94	4696.02	29
30	4709.1	4722.18	4735.26	4748.34	4761.42	4774.50	4787.59	4800.67	4813.75	4826.83	4839.91	4852.99	30
31	4866.07	4879.15	4892.23	4905.31	4918.39	4931.47	4944.56	4957.64	4970.72	4983.80	4996.88	5009.96	31
32	5023.04												32

						TANK F6							
				33' 6" I.D. X 32' 0" HIGH (5,023 barrels)									
						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		14.15	26.16	39.24	52.32	65.40	78.49	91.57	104.65	117.73	130.81	143.89	0
1	156.97	170.05	183.13	196.21	209.29	222.37	235.46	248.54	261.62	274.70	287.78	300.86	1
2	313.94	327.02	340.10	353.18	366.26	379.34	392.43	405.51	418.59	431.67	444.75	457.83	2
3	470.91	483.99	497.07	510.15	523.23	536.31	549.40	562.48	575.56	588.64	601.72	614.80	3
4	627.88	640.96	654.04	667.12	680.20	693.28	706.37	719.45	732.53	745.61	758.69	771.77	4
5	784.85	797.93	811.01	824.09	837.17	850.25	863.34	876.42	889.50	902.58	915.66	928.74	5
6	941.82	954.90	967.98	981.06	994.14	1007.22	1020.31	1033.39	1046.47	1059.55	1072.63	1085.71	6
7	1098.79	1111.87	1124.95	1138.03	1151.11	1164.19	1177.28	1190.36	1203.44	1216.52	1229.60	1242.68	7
8	1255.76	1268.84	1281.92	1295.00	1308.08	1321.16	1334.25	1347.33	1360.41	1373.49	1386.57	1399.65	8
9	1412.73	1425.81	1438.89	1451.97	1465.05	1478.13	1491.22	1504.30	1517.38	1530.46	1543.54	1556.62	9
10	1569.7	1582.78	1595.86	1608.94	1622.02	1635.10	1648.19	1661.27	1674.35	1687.43	1700.51	1713.59	10
11	1726.67	1739.75	1752.83	1765.91	1778.99	1792.07	1805.16	1818.24	1831.32	1844.40	1857.48	1870.56	11
12	1883.64	1896.72	1909.80	1922.88	1935.96	1949.04	1962.13	1975.21	1988.29	2001.37	2014.45	2027.53	12
13	2040.61	2053.69	2066.77	2079.85	2092.93	2106.01	2119.10	2132.18	2145.26	2158.34	2171.42	2184.50	13
14	2197.58	2210.66	2223.74	2236.82	2249.90	2262.98	2276.07	2289.15	2302.23	2315.31	2328.39	2341.47	14
15	2354.55	2367.63	2380.71	2393.79	2406.87	2419.95	2433.04	2446.12	2459.20	2472.28	2485.36	2498.44	15
16	2511.52	2524.60	2537.68	2550.76	2563.84	2576.92	2590.01	2603.09	2616.17	2629.25	2642.33	2655.41	16
17	2668.49	2681.57	2694.65	2707.73	2720.81	2733.89	2746.98	2760.06	2773.14	2786.22	2799.30	2812.38	17
18	2825.46	2838.54	2851.62	2864.70	2877.78	2890.86	2903.95	2917.03	2930.11	2943.19	2956.27	2969.35	18
19	2982.43	2995.51	3008.59	3021.67	3034.75	3047.83	3060.92	3074.00	3087.08	3100.16	3113.24	3126.32	19
20	3139.4	3152.48	3165.56	3178.64	3191.72	3204.80	3217.89	3230.97	3244.05	3257.13	3270.21	3283.29	20
21	3296.37	3309.45	3322.53	3335.61	3348.69	3361.77	3374.86	3387.94	3401.02	3414.10	3427.18	3440.26	21
22	3453.34	3466.42	3479.50	3492.58	3505.66	3518.74	3531.83	3544.91	3557.99	3571.07	3584.15	3597.23	22
23	3610.31	3623.39	3636.47	3649.55	3662.63	3675.71	3688.80	3701.88	3714.96	3728.04	3741.12	3754.20	23
24	3767.28	3780.36	3793.44	3806.52	3819.60	3832.68	3845.77	3858.85	3871.93	3885.01	3898.09	3911.17	24
25	3924.25	3937.33	3950.41	3963.49	3976.57	3989.65	4002.74	4015.82	4028.90	4041.98	4055.06	4068.14	25
26	4081.22	4094.30	4107.38	4120.46	4133.54	4146.62	4159.71	4172.79	4185.87	4198.95	4212.03	4225.11	26
27	4238.19	4251.27	4264.35	4277.43	4290.51	4303.59	4316.68	4329.76	4342.84	4355.92	4369.00	4382.08	27
28	4395.16	4408.24	4421.32	4434.40	4447.48	4460.56	4473.65	4486.73	4499.81	4512.89	4525.97	4539.05	28
29	4552.13	4565.21	4578.29	4591.37	4604.45	4617.53	4630.62	4643.70	4656.78	4669.86	4682.94	4696.02	29
30	4709.1	4722.18	4735.26	4748.34	4761.42	4774.50	4787.59	4800.67	4813.75	4826.83	4839.91	4852.99	30
31	4866.07	4879.15	4892.23	4905.31	4918.39	4931.47	4944.56	4957.64	4970.72	4983.80	4996.88	5009.96	31
32	5023.04												32

TANK G7

42' 6" I.D. X 40' 0" HIGH (10,106 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		21.05	42.11	63.16	84.21	105.27	126.32	147.37	168.43	189.48	210.53	231.59	0
1	252.64	273.69	294.75	315.80	336.85	357.91	378.96	400.01	421.07	442.12	463.17	484.23	1
2	505.28	526.33	547.39	568.44	589.49	610.55	631.60	652.65	673.71	694.76	715.81	736.87	2
3	757.92	778.97	800.03	821.08	842.13	863.19	884.24	905.29	926.35	947.40	968.45	989.51	3
4	1010.56	1031.61	1052.67	1073.72	1094.77	1115.83	1136.88	1157.93	1178.99	1200.04	1221.09	1242.15	4
5	1263.20	1284.25	1305.31	1326.36	1347.41	1368.47	1389.52	1410.57	1431.63	1452.68	1473.73	1494.79	5
6	1515.84	1536.89	1557.95	1579.00	1600.05	1621.11	1642.16	1663.21	1684.27	1705.32	1726.37	1747.43	6
7	1768.48	1789.53	1810.59	1831.64	1852.69	1873.75	1894.80	1915.85	1936.91	1957.96	1979.01	2000.07	7
8	2021.12	2042.17	2063.23	2084.28	2105.33	2126.39	2147.44	2168.49	2189.55	2210.60	2231.65	2252.71	8
9	2273.76	2294.81	2315.87	2336.92	2357.97	2379.03	2400.08	2421.13	2442.19	2463.24	2484.29	2505.35	9
10	2526.40	2547.45	2568.51	2589.56	2610.61	2631.67	2652.72	2673.77	2694.83	2715.88	2736.93	2757.99	10
11	2779.04	2800.09	2821.15	2842.20	2863.25	2884.31	2905.36	2926.41	2947.47	2968.52	2989.57	3010.63	11
12	3031.68	3052.73	3073.79	3094.84	3115.89	3136.95	3158.00	3179.05	3200.11	3221.16	3242.21	3263.27	12
13	3284.32	3305.37	3326.43	3347.48	3368.53	3389.59	3410.64	3431.69	3452.75	3473.80	3494.85	3515.91	13
14	3536.96	3558.01	3579.07	3600.12	3621.17	3642.23	3663.28	3684.33	3705.39	3726.44	3747.49	3768.55	14
15	3789.60	3810.65	3831.71	3852.76	3873.81	3894.87	3915.92	3936.97	3958.03	3979.08	4000.13	4021.19	15
16	4042.24	4063.29	4084.35	4105.40	4126.45	4147.51	4168.56	4189.61	4210.67	4231.72	4252.77	4273.83	16
17	4294.88	4315.93	4336.99	4358.04	4379.09	4400.15	4421.20	4442.25	4463.31	4484.36	4505.41	4526.47	17
18	4547.52	4568.57	4589.63	4610.68	4631.73	4652.79	4673.84	4694.89	4715.95	4737.00	4758.05	4779.11	18
19	4800.16	4821.21	4842.27	4863.32	4884.37	4905.43	4926.48	4947.53	4968.59	4989.64	5010.69	5031.75	19
20	5052.80	5073.85	5094.91	5115.96	5137.01	5158.07	5179.12	5200.17	5221.23	5242.28	5263.33	5284.39	20
21	5305.44	5326.49	5347.55	5368.60	5389.65	5410.71	5431.76	5452.81	5473.87	5494.92	5515.97	5537.03	21
22	5558.08	5579.13	5600.19	5621.24	5642.29	5663.35	5684.40	5705.45	5726.51	5747.56	5768.61	5789.67	22
23	5810.72	5831.77	5852.83	5873.88	5894.93	5915.99	5937.04	5958.09	5979.15	6000.20	6021.25	6042.31	23
24	6063.36	6084.41	6105.47	6126.52	6147.57	6168.63	6189.68	6210.73	6231.79	6252.84	6273.89	6294.95	24
25	6316.00	6337.05	6358.11	6379.16	6400.21	6421.27	6442.32	6463.37	6484.43	6505.48	6526.53	6547.59	25
26	6568.64	6589.69	6610.75	6631.80	6652.85	6673.91	6694.96	6716.01	6737.07	6758.12	6779.17	6800.23	26
27	6821.28	6842.33	6863.39	6884.44	6905.49	6926.55	6947.60	6968.65	6989.71	7010.76	7031.81	7052.87	27
28	7073.92	7094.97	7116.03	7137.08	7158.13	7179.19	7200.24	7221.29	7242.35	7263.40	7284.45	7305.51	28
29	7326.56	7347.61	7368.67	7389.72	7410.77	7431.83	7452.88	7473.93	7494.99	7516.04	7537.09	7558.15	29
30	7579.20	7600.25	7621.31	7642.36	7663.41	7684.47	7705.52	7726.57	7747.63	7768.68	7789.73	7810.79	30
31	7831.84	7852.89	7873.95	7895.00	7916.05	7937.11	7958.16	7979.21	8000.27	8021.32	8042.37	8063.43	31
32	8084.48	8105.53	8126.59	8147.64	8168.69	8189.75	8210.80	8231.85	8252.91	8273.96	8295.01	8316.07	32
33	8337.12	8358.17	8379.23	8400.28	8421.33	8442.39	8463.44	8484.49	8505.55	8526.60	8547.65	8568.71	33
34	8589.76	8610.81	8631.87	8652.92	8673.97	8695.03	8716.08	8737.13	8758.19	8779.24	8800.29	8821.35	34
35	8842.40	8863.45	8884.51	8905.56	8926.61	8947.67	8968.72	8989.77	9010.83	9031.88	9052.93	9073.99	35
36	9095.04	9116.09	9137.15	9158.20	9179.25	9200.31	9221.36	9242.41	9263.47	9284.52	9305.57	9326.63	36
37	9347.68	9368.73	9389.79	9410.84	9431.89	9452.95	9474.00	9495.05	9516.11	9537.16	9558.21	9579.27	37
38	9600.32	9621.37	9642.43	9663.48	9684.53	9705.59	9726.64	9747.69	9768.75	9789.80	9810.85	9831.91	38
39	9852.96	9874.01	9895.07	9916.12	9937.17	9958.23	9979.28	10000.33	10021.39	10042.44	10063.49	10084.55	39
40	10105.60												40

TANK H8

42' 6" I.D. X 40' 0" HIGH (10,106 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		21.05	42.11	63.16	84.21	105.27	126.32	147.37	168.43	189.48	210.53	231.59	0
1	252.64	273.69	294.75	315.80	336.85	357.91	378.96	400.01	421.07	442.12	463.17	484.23	1
2	505.28	526.33	547.39	568.44	589.49	610.55	631.60	652.65	673.71	694.76	715.81	736.87	2
3	757.92	778.97	800.03	821.08	842.13	863.19	884.24	905.29	926.35	947.40	968.45	989.51	3
4	1010.56	1031.61	1052.67	1073.72	1094.77	1115.83	1136.88	1157.93	1178.99	1200.04	1221.09	1242.15	4
5	1263.20	1284.25	1305.31	1326.36	1347.41	1368.47	1389.52	1410.57	1431.63	1452.68	1473.73	1494.79	5
6	1515.84	1536.89	1557.95	1579.00	1600.05	1621.11	1642.16	1663.21	1684.27	1705.32	1726.37	1747.43	6
7	1768.48	1789.53	1810.59	1831.64	1852.69	1873.75	1894.80	1915.85	1936.91	1957.96	1979.01	2000.07	7
8	2021.12	2042.17	2063.23	2084.28	2105.33	2126.39	2147.44	2168.49	2189.55	2210.60	2231.65	2252.71	8
9	2273.76	2294.81	2315.87	2336.92	2357.97	2379.03	2400.08	2421.13	2442.19	2463.24	2484.29	2505.35	9
10	2526.40	2547.45	2568.51	2589.56	2610.61	2631.67	2652.72	2673.77	2694.83	2715.88	2736.93	2757.99	10
11	2779.04	2800.09	2821.15	2842.20	2863.25	2884.31	2905.36	2926.41	2947.47	2968.52	2989.57	3010.63	11
12	3031.68	3052.73	3073.79	3094.84	3115.89	3136.95	3158.00	3179.05	3200.11	3221.16	3242.21	3263.27	12
13	3284.32	3305.37	3326.43	3347.48	3368.53	3389.59	3410.64	3431.69	3452.75	3473.80	3494.85	3515.91	13
14	3536.96	3558.01	3579.07	3600.12	3621.17	3642.23	3663.28	3684.33	3705.39	3726.44	3747.49	3768.55	14
15	3789.60	3810.65	3831.71	3852.76	3873.81	3894.87	3915.92	3936.97	3958.03	3979.08	4000.13	4021.19	15
16	4042.24	4063.29	4084.35	4105.40	4126.45	4147.51	4168.56	4189.61	4210.67	4231.72	4252.77	4273.83	16
17	4294.88	4315.93	4336.99	4358.04	4379.09	4400.15	4421.20	4442.25	4463.31	4484.36	4505.41	4526.47	17
18	4547.52	4568.57	4589.63	4610.68	4631.73	4652.79	4673.84	4694.89	4715.95	4737.00	4758.05	4779.11	18
19	4800.16	4821.21	4842.27	4863.32	4884.37	4905.43	4926.48	4947.53	4968.59	4989.64	5010.69	5031.75	19
20	5052.80	5073.85	5094.91	5115.96	5137.01	5158.07	5179.12	5200.17	5221.23	5242.28	5263.33	5284.39	20
21	5305.44	5326.49	5347.55	5368.60	5389.65	5410.71	5431.76	5452.81	5473.87	5494.92	5515.97	5537.03	21
22	5558.08	5579.13	5600.19	5621.24	5642.29	5663.35	5684.40	5705.45	5726.51	5747.56	5768.61	5789.67	22
23	5810.72	5831.77	5852.83	5873.88	5894.93	5915.99	5937.04	5958.09	5979.15	6000.20	6021.25	6042.31	23
24	6063.36	6084.41	6105.47	6126.52	6147.57	6168.63	6189.68	6210.73	6231.79	6252.84	6273.89	6294.95	24
25	6316.00	6337.05	6358.11	6379.16	6400.21	6421.27	6442.32	6463.37	6484.43	6505.48	6526.53	6547.59	25
26	6568.64	6589.69	6610.75	6631.80	6652.85	6673.91	6694.96	6716.01	6737.07	6758.12	6779.17	6800.23	26
27	6821.28	6842.33	6863.39	6884.44	6905.49	6926.55	6947.60	6968.65	6989.71	7010.76	7031.81	7052.87	27
28	7073.92	7094.97	7116.03	7137.08	7158.13	7179.19	7200.24	7221.29	7242.35	7263.40	7284.45	7305.51	28
29	7326.56	7347.61	7368.67	7389.72	7410.77	7431.83	7452.88	7473.93	7494.99	7516.04	7537.09	7558.15	29
30	7579.20	7600.25	7621.31	7642.36	7663.41	7684.47	7705.52	7726.57	7747.63	7768.68	7789.73	7810.79	30
31	7831.84	7852.89	7873.95	7895.00	7916.05	7937.11	7958.16	7979.21	8000.27	8021.32	8042.37	8063.43	31
32	8084.48	8105.53	8126.59	8147.64	8168.69	8189.75	8210.80	8231.85	8252.91	8273.96	8295.01	8316.07	32
33	8337.12	8358.17	8379.23	8400.28	8421.33	8442.39	8463.44	8484.49	8505.55	8526.60	8547.65	8568.71	33
34	8589.76	8610.81	8631.87	8652.92	8673.97	8695.03	8716.08	8737.13	8758.19	8779.24	8800.29	8821.35	34
35	8842.40	8863.45	8884.51	8905.56	8926.61	8947.67	8968.72	8989.77	9010.83	9031.88	9052.93	9073.99	35
36	9095.04	9116.09	9137.15	9158.20	9179.25	9200.31	9221.36	9242.41	9263.47	9284.52	9305.57	9326.63	36
37	9347.68	9368.73	9389.79	9410.84	9431.89	9452.95	9474.00	9495.05	9516.11	9537.16	9558.21	9579.27	37
38	9600.32	9621.37	9642.43	9663.48	9684.53	9705.59	9726.64	9747.69	9768.75	9789.80	9810.85	9831.91	38
39	9852.96	9874.01	9895.07	9916.12	9937.17	9958.23	9979.28	10000.33	10021.39	10042.44	10063.49	10084.55	39
40	10105.60												40

TANK I9

42' 6" I.D. X 40' 0" HIGH (10,106 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		21.05	42.11	63.16	84.21	105.27	126.32	147.37	168.43	189.48	210.53	231.59	0
1	252.64	273.69	294.75	315.80	336.85	357.91	378.96	400.01	421.07	442.12	463.17	484.23	1
2	505.28	526.33	547.39	568.44	589.49	610.55	631.60	652.65	673.71	694.76	715.81	736.87	2
3	757.92	778.97	800.03	821.08	842.13	863.19	884.24	905.29	926.35	947.40	968.45	989.51	3
4	1010.56	1031.61	1052.67	1073.72	1094.77	1115.83	1136.88	1157.93	1178.99	1200.04	1221.09	1242.15	4
5	1263.20	1284.25	1305.31	1326.36	1347.41	1368.47	1389.52	1410.57	1431.63	1452.68	1473.73	1494.79	5
6	1515.84	1536.89	1557.95	1579.00	1600.05	1621.11	1642.16	1663.21	1684.27	1705.32	1726.37	1747.43	6
7	1768.48	1789.53	1810.59	1831.64	1852.69	1873.75	1894.80	1915.85	1936.91	1957.96	1979.01	2000.07	7
8	2021.12	2042.17	2063.23	2084.28	2105.33	2126.39	2147.44	2168.49	2189.55	2210.60	2231.65	2252.71	8
9	2273.76	2294.81	2315.87	2336.92	2357.97	2379.03	2400.08	2421.13	2442.19	2463.24	2484.29	2505.35	9
10	2526.40	2547.45	2568.51	2589.56	2610.61	2631.67	2652.72	2673.77	2694.83	2715.88	2736.93	2757.99	10
11	2779.04	2800.09	2821.15	2842.20	2863.25	2884.31	2905.36	2926.41	2947.47	2968.52	2989.57	3010.63	11
12	3031.68	3052.73	3073.79	3094.84	3115.89	3136.95	3158.00	3179.05	3200.11	3221.16	3242.21	3263.27	12
13	3284.32	3305.37	3326.43	3347.48	3368.53	3389.59	3410.64	3431.69	3452.75	3473.80	3494.85	3515.91	13
14	3536.96	3558.01	3579.07	3600.12	3621.17	3642.23	3663.28	3684.33	3705.39	3726.44	3747.49	3768.55	14
15	3789.60	3810.65	3831.71	3852.76	3873.81	3894.87	3915.92	3936.97	3958.03	3979.08	4000.13	4021.19	15
16	4042.24	4063.29	4084.35	4105.40	4126.45	4147.51	4168.56	4189.61	4210.67	4231.72	4252.77	4273.83	16
17	4294.88	4315.93	4336.99	4358.04	4379.09	4400.15	4421.20	4442.25	4463.31	4484.36	4505.41	4526.47	17
18	4547.52	4568.57	4589.63	4610.68	4631.73	4652.79	4673.84	4694.89	4715.95	4737.00	4758.05	4779.11	18
19	4800.16	4821.21	4842.27	4863.32	4884.37	4905.43	4926.48	4947.53	4968.59	4989.64	5010.69	5031.75	19
20	5052.80	5073.85	5094.91	5115.96	5137.01	5158.07	5179.12	5200.17	5221.23	5242.28	5263.33	5284.39	20
21	5305.44	5326.49	5347.55	5368.60	5389.65	5410.71	5431.76	5452.81	5473.87	5494.92	5515.97	5537.03	21
22	5558.08	5579.13	5600.19	5621.24	5642.29	5663.35	5684.40	5705.45	5726.51	5747.56	5768.61	5789.67	22
23	5810.72	5831.77	5852.83	5873.88	5894.93	5915.99	5937.04	5958.09	5979.15	6000.20	6021.25	6042.31	23
24	6063.36	6084.41	6105.47	6126.52	6147.57	6168.63	6189.68	6210.73	6231.79	6252.84	6273.89	6294.95	24
25	6316.00	6337.05	6358.11	6379.16	6400.21	6421.27	6442.32	6463.37	6484.43	6505.48	6526.53	6547.59	25
26	6568.64	6589.69	6610.75	6631.80	6652.85	6673.91	6694.96	6716.01	6737.07	6758.12	6779.17	6800.23	26
27	6821.28	6842.33	6863.39	6884.44	6905.49	6926.55	6947.60	6968.65	6989.71	7010.76	7031.81	7052.87	27
28	7073.92	7094.97	7116.03	7137.08	7158.13	7179.19	7200.24	7221.29	7242.35	7263.40	7284.45	7305.51	28
29	7326.56	7347.61	7368.67	7389.72	7410.77	7431.83	7452.88	7473.93	7494.99	7516.04	7537.09	7558.15	29
30	7579.20	7600.25	7621.31	7642.36	7663.41	7684.47	7705.52	7726.57	7747.63	7768.68	7789.73	7810.79	30
31	7831.84	7852.89	7873.95	7895.00	7916.05	7937.11	7958.16	7979.21	8000.27	8021.32	8042.37	8063.43	31
32	8084.48	8105.53	8126.59	8147.64	8168.69	8189.75	8210.80	8231.85	8252.91	8273.96	8295.01	8316.07	32
33	8337.12	8358.17	8379.23	8400.28	8421.33	8442.39	8463.44	8484.49	8505.55	8526.60	8547.65	8568.71	33
34	8589.76	8610.81	8631.87	8652.92	8673.97	8695.03	8716.08	8737.13	8758.19	8779.24	8800.29	8821.35	34
35	8842.40	8863.45	8884.51	8905.56	8926.61	8947.67	8968.72	8989.77	9010.83	9031.88	9052.93	9073.99	35
36	9095.04	9116.09	9137.15	9158.20	9179.25	9200.31	9221.36	9242.41	9263.47	9284.52	9305.57	9326.63	36
37	9347.68	9368.73	9389.79	9410.84	9431.89	9452.95	9474.00	9495.05	9516.11	9537.16	9558.21	9579.27	37
38	9600.32	9621.37	9642.43	9663.48	9684.53	9705.59	9726.64	9747.69	9768.75	9789.80	9810.85	9831.91	38
39	9852.96	9874.01	9895.07	9916.12	9937.17	9958.23	9979.28	10000.33	10021.39	10042.44	10063.49	10084.55	39
40	10105.60												40

TANK J10

42' 6" I.D. X 40' 0" HIGH (10,106 barrels)

						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		21.05	42.11	63.16	84.21	105.27	126.32	147.37	168.43	189.48	210.53	231.59	0
1	252.64	273.69	294.75	315.80	336.85	357.91	378.96	400.01	421.07	442.12	463.17	484.23	1
2	505.28	526.33	547.39	568.44	589.49	610.55	631.60	652.65	673.71	694.76	715.81	736.87	2
3	757.92	778.97	800.03	821.08	842.13	863.19	884.24	905.29	926.35	947.40	968.45	989.51	3
4	1010.56	1031.61	1052.67	1073.72	1094.77	1115.83	1136.88	1157.93	1178.99	1200.04	1221.09	1242.15	4
5	1263.20	1284.25	1305.31	1326.36	1347.41	1368.47	1389.52	1410.57	1431.63	1452.68	1473.73	1494.79	5
6	1515.84	1536.89	1557.95	1579.00	1600.05	1621.11	1642.16	1663.21	1684.27	1705.32	1726.37	1747.43	6
7	1768.48	1789.53	1810.59	1831.64	1852.69	1873.75	1894.80	1915.85	1936.91	1957.96	1979.01	2000.07	7
8	2021.12	2042.17	2063.23	2084.28	2105.33	2126.39	2147.44	2168.49	2189.55	2210.60	2231.65	2252.71	8
9	2273.76	2294.81	2315.87	2336.92	2357.97	2379.03	2400.08	2421.13	2442.19	2463.24	2484.29	2505.35	9
10	2526.40	2547.45	2568.51	2589.56	2610.61	2631.67	2652.72	2673.77	2694.83	2715.88	2736.93	2757.99	10
11	2779.04	2800.09	2821.15	2842.20	2863.25	2884.31	2905.36	2926.41	2947.47	2968.52	2989.57	3010.63	11
12	3031.68	3052.73	3073.79	3094.84	3115.89	3136.95	3158.00	3179.05	3200.11	3221.16	3242.21	3263.27	12
13	3284.32	3305.37	3326.43	3347.48	3368.53	3389.59	3410.64	3431.69	3452.75	3473.80	3494.85	3515.91	13
14	3536.96	3558.01	3579.07	3600.12	3621.17	3642.23	3663.28	3684.33	3705.39	3726.44	3747.49	3768.55	14
15	3789.60	3810.65	3831.71	3852.76	3873.81	3894.87	3915.92	3936.97	3958.03	3979.08	4000.13	4021.19	15
16	4042.24	4063.29	4084.35	4105.40	4126.45	4147.51	4168.56	4189.61	4210.67	4231.72	4252.77	4273.83	16
17	4294.88	4315.93	4336.99	4358.04	4379.09	4400.15	4421.20	4442.25	4463.31	4484.36	4505.41	4526.47	17
18	4547.52	4568.57	4589.63	4610.68	4631.73	4652.79	4673.84	4694.89	4715.95	4737.00	4758.05	4779.11	18
19	4800.16	4821.21	4842.27	4863.32	4884.37	4905.43	4926.48	4947.53	4968.59	4989.64	5010.69	5031.75	19
20	5052.80	5073.85	5094.91	5115.96	5137.01	5158.07	5179.12	5200.17	5221.23	5242.28	5263.33	5284.39	20
21	5305.44	5326.49	5347.55	5368.60	5389.65	5410.71	5431.76	5452.81	5473.87	5494.92	5515.97	5537.03	21
22	5558.08	5579.13	5600.19	5621.24	5642.29	5663.35	5684.40	5705.45	5726.51	5747.56	5768.61	5789.67	22
23	5810.72	5831.77	5852.83	5873.88	5894.93	5915.99	5937.04	5958.09	5979.15	6000.20	6021.25	6042.31	23
24	6063.36	6084.41	6105.47	6126.52	6147.57	6168.63	6189.68	6210.73	6231.79	6252.84	6273.89	6294.95	24
25	6316.00	6337.05	6358.11	6379.16	6400.21	6421.27	6442.32	6463.37	6484.43	6505.48	6526.53	6547.59	25
26	6568.64	6589.69	6610.75	6631.80	6652.85	6673.91	6694.96	6716.01	6737.07	6758.12	6779.17	6800.23	26
27	6821.28	6842.33	6863.39	6884.44	6905.49	6926.55	6947.60	6968.65	6989.71	7010.76	7031.81	7052.87	27
28	7073.92	7094.97	7116.03	7137.08	7158.13	7179.19	7200.24	7221.29	7242.35	7263.40	7284.45	7305.51	28
29	7326.56	7347.61	7368.67	7389.72	7410.77	7431.83	7452.88	7473.93	7494.99	7516.04	7537.09	7558.15	29
30	7579.20	7600.25	7621.31	7642.36	7663.41	7684.47	7705.52	7726.57	7747.63	7768.68	7789.73	7810.79	30
31	7831.84	7852.89	7873.95	7895.00	7916.05	7937.11	7958.16	7979.21	8000.27	8021.32	8042.37	8063.43	31
32	8084.48	8105.53	8126.59	8147.64	8168.69	8189.75	8210.80	8231.85	8252.91	8273.96	8295.01	8316.07	32
33	8337.12	8358.17	8379.23	8400.28	8421.33	8442.39	8463.44	8484.49	8505.55	8526.60	8547.65	8568.71	33
34	8589.76	8610.81	8631.87	8652.92	8673.97	8695.03	8716.08	8737.13	8758.19	8779.24	8800.29	8821.35	34
35	8842.40	8863.45	8884.51	8905.56	8926.61	8947.67	8968.72	8989.77	9010.83	9031.88	9052.93	9073.99	35
36	9095.04	9116.09	9137.15	9158.20	9179.25	9200.31	9221.36	9242.41	9263.47	9284.52	9305.57	9326.63	36
37	9347.68	9368.73	9389.79	9410.84	9431.89	9452.95	9474.00	9495.05	9516.11	9537.16	9558.21	9579.27	37
38	9600.32	9621.37	9642.43	9663.48	9684.53	9705.59	9726.64	9747.69	9768.75	9789.80	9810.85	9831.91	38
39	9852.96	9874.01	9895.07	9916.12	9937.17	9958.23	9979.28	10000.33	10021.39	10042.44	10063.49	10084.55	39
40	10105.60												40

TANK K11

45' 0" I.D. X 35" 6" HIGH (10,052 barrels)

						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		23.59	47.19	70.79	94.39	117.98	141.58	165.18	188.77	212.37	235.97	259.56	0
1	283.16	306.76	330.35	353.95	377.55	401.14	424.74	448.34	471.93	495.53	519.13	542.72	1
2	566.32	589.92	613.51	637.11	660.71	684.30	707.90	731.50	755.09	778.69	802.29	825.88	2
3	849.48	873.08	896.67	920.27	943.87	967.46	991.06	1014.66	1038.25	1061.85	1085.45	1109.04	3
4	1132.64	1156.24	1179.83	1203.43	1227.03	1250.62	1274.22	1297.82	1321.41	1345.01	1368.61	1392.20	4
5	1415.80	1439.40	1462.99	1486.59	1510.19	1533.78	1557.38	1580.98	1604.57	1628.17	1651.77	1675.36	5
6	1698.96	1722.56	1746.15	1769.75	1793.35	1816.94	1840.54	1864.14	1887.73	1911.33	1934.93	1958.52	6
7	1982.12	2005.72	2029.31	2052.91	2076.51	2100.10	2123.70	2147.30	2170.89	2194.49	2218.09	2241.68	7
8	2265.28	2288.88	2312.47	2336.07	2359.67	2383.26	2406.86	2430.46	2454.05	2477.65	2501.25	2524.84	8
9	2548.44	2572.04	2595.63	2619.23	2642.83	2666.42	2690.02	2713.62	2737.21	2760.81	2784.41	2808.00	9
10	2831.60	2855.20	2878.79	2902.39	2925.99	2949.58	2973.18	2996.78	3020.37	3043.97	3067.57	3091.16	10
11	3114.76	3138.36	3161.95	3185.55	3209.15	3232.74	3256.34	3279.94	3303.53	3327.13	3350.73	3374.32	11
12	3397.92	3421.52	3445.11	3468.71	3492.31	3515.90	3539.50	3563.10	3586.69	3610.29	3633.89	3657.48	12
13	3681.08	3704.68	3728.27	3751.87	3775.47	3799.06	3822.66	3846.26	3869.85	3893.45	3917.05	3940.64	13
14	3964.24	3987.84	4011.43	4035.03	4058.63	4082.22	4105.82	4129.42	4153.01	4176.61	4200.21	4223.80	14
15	4247.40	4271.00	4294.59	4318.19	4341.79	4365.38	4388.98	4412.58	4436.17	4459.77	4483.37	4506.96	15
16	4530.56	4554.16	4577.75	4601.35	4624.95	4648.54	4672.14	4695.74	4719.33	4742.93	4766.53	4790.12	16
17	4813.72	4837.32	4860.91	4884.51	4908.11	4931.70	4955.30	4978.90	5002.49	5026.09	5049.69	5073.28	17
18	5096.88	5120.48	5144.07	5167.67	5191.27	5214.86	5238.46	5262.06	5285.65	5309.25	5332.85	5356.44	18
19	5380.04	5403.64	5427.23	5450.83	5474.43	5498.02	5521.62	5545.22	5568.81	5592.41	5616.01	5639.60	19
20	5663.20	5686.80	5710.39	5733.99	5757.59	5781.18	5804.78	5828.38	5851.97	5875.57	5899.17	5922.76	20
21	5946.36	5969.96	5993.55	6017.15	6040.75	6064.34	6087.94	6111.54	6135.13	6158.73	6182.33	6205.92	21
22	6229.52	6253.12	6276.71	6300.31	6323.91	6347.50	6371.10	6394.70	6418.29	6441.89	6465.49	6489.08	22
23	6512.68	6536.28	6559.87	6583.47	6607.07	6630.66	6654.26	6677.86	6701.45	6725.05	6748.65	6772.24	23
24	6795.84	6819.44	6843.03	6866.63	6890.23	6913.82	6937.42	6961.02	6984.61	7008.21	7031.81	7055.40	24
25	7079.00	7102.60	7126.19	7149.79	7173.39	7196.98	7220.58	7244.18	7267.77	7291.37	7314.97	7338.56	25
26	7362.16	7385.76	7409.35	7432.95	7456.55	7480.14	7503.74	7527.34	7550.93	7574.53	7598.13	7621.72	26
27	7645.32	7668.92	7692.51	7716.11	7739.71	7763.30	7786.90	7810.50	7834.09	7857.69	7881.29	7904.88	27
28	7928.48	7952.08	7975.67	7999.27	8022.87	8046.46	8070.06	8093.66	8117.25	8140.85	8164.45	8188.04	28
29	8211.64	8235.24	8258.83	8282.43	8306.03	8329.62	8353.22	8376.82	8400.41	8424.01	8447.61	8471.20	29
30	8494.80	8518.40	8541.99	8565.59	8589.19	8612.78	8636.38	8659.98	8683.57	8707.17	8730.77	8754.36	30
31	8777.96	8801.56	8825.15	8848.75	8872.35	8895.94	8919.54	8943.14	8966.73	8990.33	9013.93	9037.52	31
32	9061.12	9084.72	9108.31	9131.91	9155.51	9179.10	9202.70	9226.30	9249.89	9273.49	9297.09	9320.68	32
33	9344.28	9367.88	9391.47	9415.07	9438.67	9462.26	9485.86	9509.46	9533.05	9556.65	9580.25	9603.84	33
34	9627.44	9651.04	9674.63	9698.23	9721.83	9745.42	9769.02	9792.62	9816.21	9839.81	9863.41	9887.00	34
35	9910.60	9934.20	9957.79	9981.39	10004.99	10028.58	10052.18						35

TANK L12

45' 0" I.D. X 35' 7" HIGH (10,076 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		23.59	47.19	70.79	94.39	117.98	141.58	165.18	188.77	212.37	235.97	259.56	0
1	283.16	306.76	330.35	353.95	377.55	401.14	424.74	448.34	471.93	495.53	519.13	542.72	1
2	566.32	589.92	613.51	637.11	660.71	684.30	707.90	731.50	755.09	778.69	802.29	825.88	2
3	849.48	873.08	896.67	920.27	943.87	967.46	991.06	1014.66	1038.25	1061.85	1085.45	1109.04	3
4	1132.64	1156.24	1179.83	1203.43	1227.03	1250.62	1274.22	1297.82	1321.41	1345.01	1368.61	1392.20	4
5	1415.80	1439.40	1462.99	1486.59	1510.19	1533.78	1557.38	1580.98	1604.57	1628.17	1651.77	1675.36	5
6	1698.96	1722.56	1746.15	1769.75	1793.35	1816.94	1840.54	1864.14	1887.73	1911.33	1934.93	1958.52	6
7	1982.12	2005.72	2029.31	2052.91	2076.51	2100.10	2123.70	2147.30	2170.89	2194.49	2218.09	2241.68	7
8	2265.28	2288.88	2312.47	2336.07	2359.67	2383.26	2406.86	2430.46	2454.05	2477.65	2501.25	2524.84	8
9	2548.44	2572.04	2595.63	2619.23	2642.83	2666.42	2690.02	2713.62	2737.21	2760.81	2784.41	2808.00	9
10	2831.60	2855.20	2878.79	2902.39	2925.99	2949.58	2973.18	2996.78	3020.37	3043.97	3067.57	3091.16	10
11	3114.76	3138.36	3161.95	3185.55	3209.15	3232.74	3256.34	3279.94	3303.53	3327.13	3350.73	3374.32	11
12	3397.92	3421.52	3445.11	3468.71	3492.31	3515.90	3539.50	3563.10	3586.69	3610.29	3633.89	3657.48	12
13	3681.08	3704.68	3728.27	3751.87	3775.47	3799.06	3822.66	3846.26	3869.85	3893.45	3917.05	3940.64	13
14	3964.24	3987.84	4011.43	4035.03	4058.63	4082.22	4105.82	4129.42	4153.01	4176.61	4200.21	4223.80	14
15	4247.40	4271.00	4294.59	4318.19	4341.79	4365.38	4388.98	4412.58	4436.17	4459.77	4483.37	4506.96	15
16	4530.56	4554.16	4577.75	4601.35	4624.95	4648.54	4672.14	4695.74	4719.33	4742.93	4766.53	4790.12	16
17	4813.72	4837.32	4860.91	4884.51	4908.11	4931.70	4955.30	4978.90	5002.49	5026.09	5049.69	5073.28	17
18	5096.88	5120.48	5144.07	5167.67	5191.27	5214.86	5238.46	5262.06	5285.65	5309.25	5332.85	5356.44	18
19	5380.04	5403.64	5427.23	5450.83	5474.43	5498.02	5521.62	5545.22	5568.81	5592.41	5616.01	5639.60	19
20	5663.20	5686.80	5710.39	5733.99	5757.59	5781.18	5804.78	5828.38	5851.97	5875.57	5899.17	5922.76	20
21	5946.36	5969.96	5993.55	6017.15	6040.75	6064.34	6087.94	6111.54	6135.13	6158.73	6182.33	6205.92	21
22	6229.52	6253.12	6276.71	6300.31	6323.91	6347.50	6371.10	6394.70	6418.29	6441.89	6465.49	6489.08	22
23	6512.68	6536.28	6559.87	6583.47	6607.07	6630.66	6654.26	6677.86	6701.45	6725.05	6748.65	6772.24	23
24	6795.84	6819.44	6843.03	6866.63	6890.23	6913.82	6937.42	6961.02	6984.61	7008.21	7031.81	7055.40	24
25	7079.00	7102.60	7126.19	7149.79	7173.39	7196.98	7220.58	7244.18	7267.77	7291.37	7314.97	7338.56	25
26	7362.16	7385.76	7409.35	7432.95	7456.55	7480.14	7503.74	7527.34	7550.93	7574.53	7598.13	7621.72	26
27	7645.32	7668.92	7692.51	7716.11	7739.71	7763.30	7786.90	7810.50	7834.09	7857.69	7881.29	7904.88	27
28	7928.48	7952.08	7975.67	7999.27	8022.87	8046.46	8070.06	8093.66	8117.25	8140.85	8164.45	8188.04	28
29	8211.64	8235.24	8258.83	8282.43	8306.03	8329.62	8353.22	8376.82	8400.41	8424.01	8447.61	8471.20	29
30	8494.80	8518.40	8541.99	8565.59	8589.19	8612.78	8636.38	8659.98	8683.57	8707.17	8730.77	8754.36	30
31	8777.96	8801.56	8825.15	8848.75	8872.35	8895.94	8919.54	8943.14	8966.73	8990.33	9013.93	9037.52	31
32	9061.12	9084.72	9108.31	9131.91	9155.51	9179.10	9202.70	9226.30	9249.89	9273.49	9297.09	9320.68	32
33	9344.28	9367.88	9391.47	9415.07	9438.67	9462.26	9485.86	9509.46	9533.05	9556.65	9580.25	9603.84	33
34	9627.44	9651.04	9674.63	9698.23	9721.83	9745.42	9769.02	9792.62	9816.21	9839.81	9863.41	9887.00	34
35	9910.60	9934.20	9957.79	9981.39	10004.99	10028.58	10052.18	10075.78					35

TANK M13

42' 6" I.D. X 40' 3" HIGH (10,017 barrels)

Inches

Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		21.05	42.11	63.16	84.21	105.27	126.32	147.37	168.43	189.48	210.53	231.59	0
1	252.64	273.69	294.75	315.80	336.85	357.91	378.96	400.01	421.07	442.12	463.17	484.23	1
2	505.28	526.33	547.39	568.44	589.49	610.55	631.60	652.65	673.71	694.76	715.81	736.87	2
3	757.92	778.97	800.03	821.08	842.13	863.19	884.24	905.29	926.35	947.40	968.45	989.51	3
4	1010.56	1031.61	1052.67	1073.72	1094.77	1115.83	1136.88	1157.93	1178.99	1200.04	1221.09	1242.15	4
5	1263.20	1284.25	1305.31	1326.36	1347.41	1368.47	1389.52	1410.57	1431.63	1452.68	1473.73	1494.79	5
6	1515.84	1536.89	1557.95	1579.00	1600.05	1621.11	1642.16	1663.21	1684.27	1705.32	1726.37	1747.43	6
7	1768.48	1789.53	1810.59	1831.64	1852.69	1873.75	1894.80	1915.85	1936.91	1957.96	1979.01	2000.07	7
8	2021.12	2042.17	2063.23	2084.28	2105.33	2126.39	2147.44	2168.49	2189.55	2210.60	2231.65	2252.71	8
9	2273.76	2294.81	2315.87	2336.92	2357.97	2379.03	2400.08	2421.13	2442.19	2463.24	2484.29	2505.35	9
10	2526.40	2547.45	2568.51	2589.56	2610.61	2631.67	2652.72	2673.77	2694.83	2715.88	2736.93	2757.99	10
11	2779.04	2800.09	2821.15	2842.20	2863.25	2884.31	2905.36	2926.41	2947.47	2968.52	2989.57	3010.63	11
12	3031.68	3052.73	3073.79	3094.84	3115.89	3136.95	3158.00	3179.05	3200.11	3221.16	3242.21	3263.27	12
13	3284.32	3305.37	3326.43	3347.48	3368.53	3389.59	3410.64	3431.69	3452.75	3473.80	3494.85	3515.91	13
14	3536.96	3558.01	3579.07	3600.12	3621.17	3642.23	3663.28	3684.33	3705.39	3726.44	3747.49	3768.55	14
15	3789.60	3810.65	3831.71	3852.76	3873.81	3894.87	3915.92	3936.97	3958.03	3979.08	4000.13	4021.19	15
16	4042.24	4063.29	4084.35	4105.40	4126.45	4147.51	4168.56	4189.61	4210.67	4231.72	4252.77	4273.83	16
17	4294.88	4315.93	4336.99	4358.04	4379.09	4400.15	4421.20	4442.25	4463.31	4484.36	4505.41	4526.47	17
18	4547.52	4568.57	4589.63	4610.68	4631.73	4652.79	4673.84	4694.89	4715.95	4737.00	4758.05	4779.11	18
19	4800.16	4821.21	4842.27	4863.32	4884.37	4905.43	4926.48	4947.53	4968.59	4989.64	5010.69	5031.75	19
20	5052.80	5073.85	5094.91	5115.96	5137.01	5158.07	5179.12	5200.17	5221.23	5242.28	5263.33	5284.39	20
21	5305.44	5326.49	5347.55	5368.60	5389.65	5410.71	5431.76	5452.81	5473.87	5494.92	5515.97	5537.03	21
22	5558.08	5579.13	5600.19	5621.24	5642.29	5663.35	5684.40	5705.45	5726.51	5747.56	5768.61	5789.67	22
23	5810.72	5831.77	5852.83	5873.88	5894.93	5915.99	5937.04	5958.09	5979.15	6000.20	6021.25	6042.31	23
24	6063.36	6084.41	6105.47	6126.52	6147.57	6168.63	6189.68	6210.73	6231.79	6252.84	6273.89	6294.95	24
25	6316.00	6337.05	6358.11	6379.16	6400.21	6421.27	6442.32	6463.37	6484.43	6505.48	6526.53	6547.59	25
26	6568.64	6589.69	6610.75	6631.80	6652.85	6673.91	6694.96	6716.01	6737.07	6758.12	6779.17	6800.23	26
27	6821.28	6842.33	6863.39	6884.44	6905.49	6926.55	6947.60	6968.65	6989.71	7010.76	7031.81	7052.87	27
28	7073.92	7094.97	7116.03	7137.08	7158.13	7179.19	7200.24	7221.29	7242.35	7263.40	7284.45	7305.51	28
29	7326.56	7347.61	7368.67	7389.72	7410.77	7431.83	7452.88	7473.93	7494.99	7516.04	7537.09	7558.15	29
30	7579.20	7600.25	7621.31	7642.36	7663.41	7684.47	7705.52	7726.57	7747.63	7768.68	7789.73	7810.79	30
31	7831.84	7852.89	7873.95	7895.00	7916.05	7937.11	7958.16	7979.21	8000.27	8021.32	8042.37	8063.43	31
32	8084.48	8105.53	8126.59	8147.64	8168.69	8189.75	8210.80	8231.85	8252.91	8273.96	8295.01	8316.07	32
33	8337.12	8358.17	8379.23	8400.28	8421.33	8442.39	8463.44	8484.49	8505.55	8526.60	8547.65	8568.71	33
34	8589.76	8610.81	8631.87	8652.92	8673.97	8695.03	8716.08	8737.13	8758.19	8779.24	8800.29	8821.35	34
35	8842.40	8863.45	8884.51	8905.56	8926.61	8947.67	8968.72	8989.77	9010.83	9031.88	9052.93	9073.99	35
36	9095.04	9116.09	9137.15	9158.20	9179.25	9200.31	9221.36	9242.41	9263.47	9284.52	9305.57	9326.63	36
37	9347.68	9368.73	9389.79	9410.84	9431.89	9452.95	9474.00	9495.05	9516.11	9537.16	9558.21	9579.27	37
38	9600.32	9621.37	9642.43	9663.48	9684.53	9705.59	9726.64	9747.69	9768.75	9789.80	9810.85	9831.91	38
39	9852.96	9874.01	9895.07	9916.12	9937.17	9958.23	9979.28	10000.33	10021.39	10042.44	10063.49	10084.55	39
40	10105.60	10126.65	10147.71	10168.76									40

						TANK N14							
				32' 0" I.D. X 35' 4" HIGH (5,061 barrels)									
						Inches							
Feet	0	1	2	3	4	5	6	7	8	9	10	11	Feet
0		11.93	23.87	35.81	47.74	59.68	71.61	83.55	95.48	107.42	119.35	131.29	0
1	143.22	155.16	167.09	179.03	190.96	202.90	214.83	226.77	238.70	250.64	262.57	274.51	1
2	286.44	298.38	310.31	322.25	334.18	346.12	358.05	369.99	381.92	393.86	405.79	417.73	2
3	429.66	441.60	453.53	465.47	477.40	489.34	501.27	513.21	525.14	537.08	549.01	560.95	3
4	572.88	584.82	596.75	608.69	620.62	632.56	644.49	656.43	668.36	680.30	692.23	704.17	4
5	716.10	728.04	739.97	751.91	763.84	775.78	787.71	799.65	811.58	823.52	835.45	847.39	5
6	859.32	871.26	883.19	895.13	907.06	919.00	930.93	942.87	954.80	966.74	978.67	990.61	6
7	1002.54	1014.48	1026.41	1038.35	1050.28	1062.22	1074.15	1086.09	1098.02	1109.96	1121.89	1133.83	7
8	1145.76	1157.70	1169.63	1181.57	1193.50	1205.44	1217.37	1229.31	1241.24	1253.18	1265.11	1277.05	8
9	1288.98	1300.92	1312.85	1324.79	1336.72	1348.66	1360.59	1372.53	1384.46	1396.40	1408.33	1420.27	9
10	1432.20	1444.14	1456.07	1468.01	1479.94	1491.88	1503.81	1515.75	1527.68	1539.62	1551.55	1563.49	10
11	1575.42	1587.36	1599.29	1611.23	1623.16	1635.10	1647.03	1658.97	1670.90	1682.84	1694.77	1706.71	11
12	1718.64	1730.58	1742.51	1754.45	1766.38	1778.32	1790.25	1802.19	1814.12	1826.06	1837.99	1849.93	12
13	1861.86	1873.80	1885.73	1897.67	1909.60	1921.54	1933.47	1945.41	1957.34	1969.28	1981.21	1993.15	13
14	2005.08	2017.02	2028.95	2040.89	2052.82	2064.76	2076.69	2088.63	2100.56	2112.50	2124.43	2136.37	14
15	2148.30	2160.24	2172.17	2184.11	2196.04	2207.98	2219.91	2231.85	2243.78	2255.72	2267.65	2279.59	15
16	2291.52	2303.46	2315.39	2327.33	2339.26	2351.20	2363.13	2375.07	2387.00	2398.94	2410.87	2422.81	16
17	2434.74	2446.68	2458.61	2470.55	2482.48	2494.42	2506.35	2518.29	2530.22	2542.16	2554.09	2566.03	17
18	2577.96	2589.90	2601.83	2613.77	2625.70	2637.64	2649.57	2661.51	2673.44	2685.38	2697.31	2709.25	18
19	2721.18	2733.12	2745.05	2756.99	2768.92	2780.86	2792.79	2804.73	2816.66	2828.60	2840.53	2852.47	19
20	2864.40	2876.34	2888.27	2900.21	2912.14	2924.08	2936.01	2947.95	2959.88	2971.82	2983.75	2995.69	20
21	3007.62	3019.56	3031.49	3043.43	3055.36	3067.30	3079.23	3091.17	3103.10	3115.04	3126.97	3138.91	21
22	3150.84	3162.78	3174.71	3186.65	3198.58	3210.52	3222.45	3234.39	3246.32	3258.26	3270.19	3282.13	22
23	3294.06	3306.00	3317.93	3329.87	3341.80	3353.74	3365.67	3377.61	3389.54	3401.48	3413.41	3425.35	23
24	3437.28	3449.22	3461.15	3473.09	3485.02	3496.96	3508.89	3520.83	3532.76	3544.70	3556.63	3568.57	24
25	3580.50	3592.44	3604.37	3616.31	3628.24	3640.18	3652.11	3664.05	3675.98	3687.92	3699.85	3711.79	25
26	3723.72	3735.66	3747.59	3759.53	3771.46	3783.40	3795.33	3807.27	3819.20	3831.14	3843.07	3855.01	26
27	3866.94	3878.88	3890.81	3902.75	3914.68	3926.62	3938.55	3950.49	3962.42	3974.36	3986.29	3998.23	27
28	4010.16	4022.10	4034.03	4045.97	4057.90	4069.84	4081.77	4093.71	4105.64	4117.58	4129.51	4141.45	28
29	4153.38	4165.32	4177.25	4189.19	4201.12	4213.06	4224.99	4236.93	4248.86	4260.80	4272.73	4284.67	29
30	4296.60	4308.54	4320.47	4332.41	4344.34	4356.28	4368.21	4380.15	4392.08	4404.02	4415.95	4427.89	30
31	4439.82	4451.76	4463.69	4475.63	4487.56	4499.50	4511.43	4523.37	4535.30	4547.24	4559.17	4571.11	31
32	4583.04	4594.98	4606.91	4618.85	4630.78	4642.72	4654.65	4666.59	4678.52	4690.46	4702.39	4714.33	32
33	4726.26	4738.20	4750.13	4762.07	4774.00	4785.94	4797.87	4809.81	4821.74	4833.68	4845.61	4857.55	33
34	4869.48	4881.42	4893.35	4905.29	4917.22	4929.16	4941.09	4953.03	4964.96	4976.90	4988.83	5000.77	34
35	5012.70	5024.64	5036.57	5048.51	5060.44								35

Attachment H

ATTACHMENT H

Used new Strapping sheets

4-11-07

A	8' 0	2265.36
B	37' 4"	18798.83
C	34' 9"	17498.02
D	23' 4"	3662.63
F	27' 2"	4264.35
I	33' 10"	8549.65
L	22' 11"	6489.08
M	21' 4"	5389.65
		66915.57

4-12-07

A	14' 0	3964.38
B	37' 4	18798.83
C	36' 4	18295.29
D	23' 4	3662.63
F	27' 2	4264.35
I	31' 4"	7916.05
L	22' 11	6489.08
M	11' 6	2905.36
		66295.97

Goodwin

Tanks

com

687-3771
687-9923
347-716

spital
ana 71055

4-13-07

A 16'6"	9672.31
B 37'4"	18798.83
C 32'5"	16490.74
D 23'4"	3662.63
F 27'2"	12644.35
I 36'11"	9326.63
L 22'11"	6489.08
M 8'3"	2084.26
	65737.05

4-14-07

A 13'9"	38913.57
B 37'4"	18798.83
C 34'3"	17246.25
D 23'4"	3662.63
F 27'2"	12644.35
I 33'6"	8463.14
L 22'11"	6489.08
M 8'3"	2084.26
	109905.95

4-15-07

A - 11' 5"	3232.86
B - 37' 4"	18778.83
C - 35' 6"	17875.67
D - 23' 4"	3662.63
F - 27' 3"	4264.35
I - 30' 2"	7621.31
L - 22' 11"	6489.08
M - 8' 3"	2084.28
	64029.01

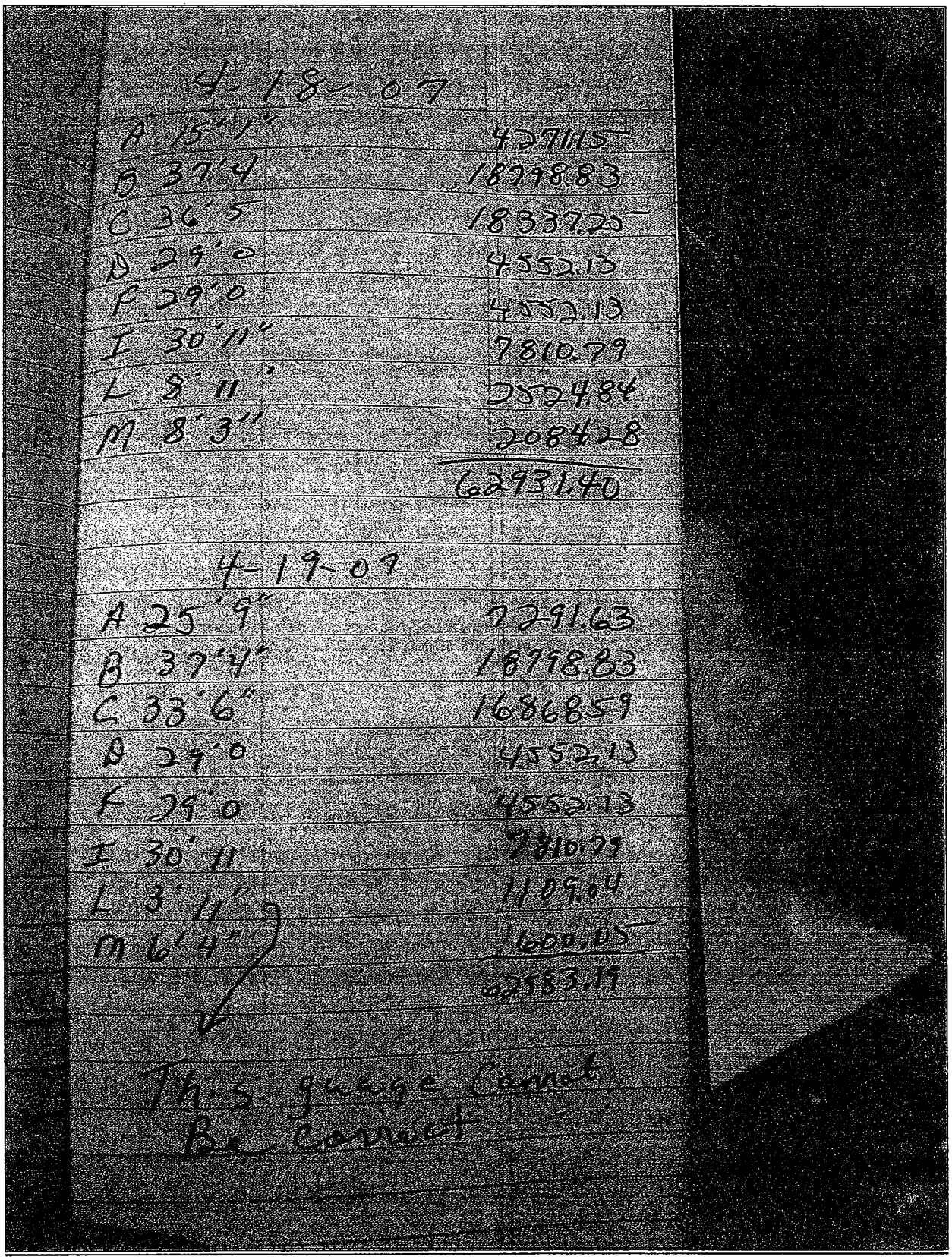
I went to 34' 8
after transfer of C
C went to 35' 6 after
transfer, will check with
Mr. Gary Transferred
1667.48 bbls.

4-16-07

A 6'11"	2524.93
B 37'4"	18798.83
C 35'2"	17707.82
D 23'4"	3662.63
F 27'2"	4264.35
I 31'8"	8000.27
L 22'11"	6489.08
M 8'3"	2084.28
	63532.19

4-17-07

A 6'9"	1911.40
B 37'4"	18798.83
C 36'4"	18295.29
G 21'2"	3322.53
F 27'2"	4264.35
I 30'11"	7810.77
L 22'11"	6489.08
M 8'3"	2084.28
	62176.53



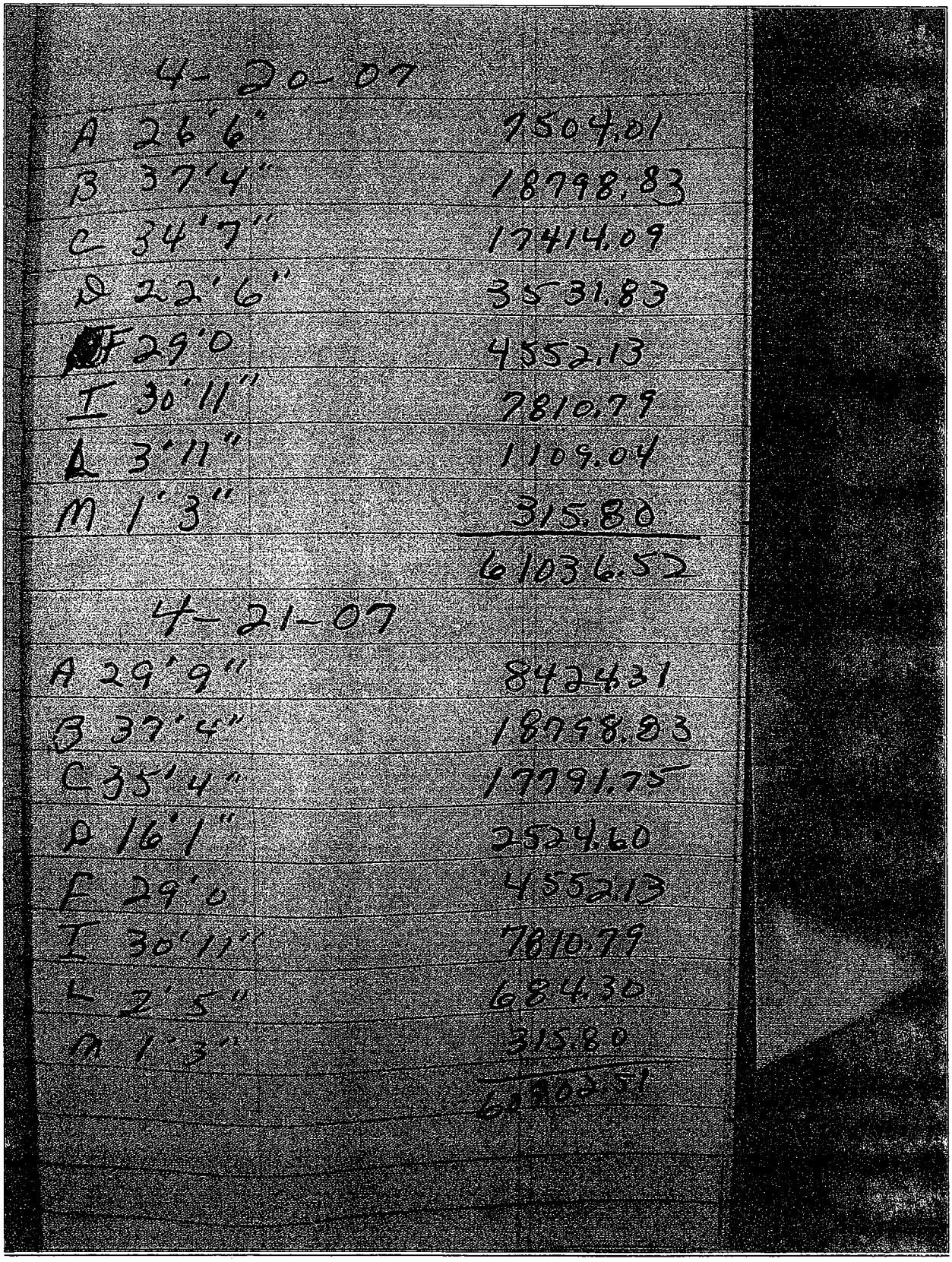
4-18-07

A	15'1"	427115
B	37'4	18798.83
C	36'5	18337.20
D	29'0	4552.13
P	29'0	4552.13
E	30'11"	7810.79
L	3'11"	1524.84
M	8'3"	2084.28
		62931.40

4-19-07

A	25'9"	7291.63
B	37'4"	18798.83
C	33'6"	16868.59
D	29'0	4552.13
F	29'0	4552.13
E	30'11	7810.79
L	3'11"	1109.04
M	6'4"	600.05
		62583.19

This guage Cannot
Be Correct



4-20-07

A 26'6"	7504.01
B 37'4"	18798.83
C 34'7"	17414.09
D 22'6"	3531.83
F 29'0	4552.13
I 30'11"	7810.79
L 3'11"	1109.04
M 1'3"	315.80
	61036.52

4-21-07

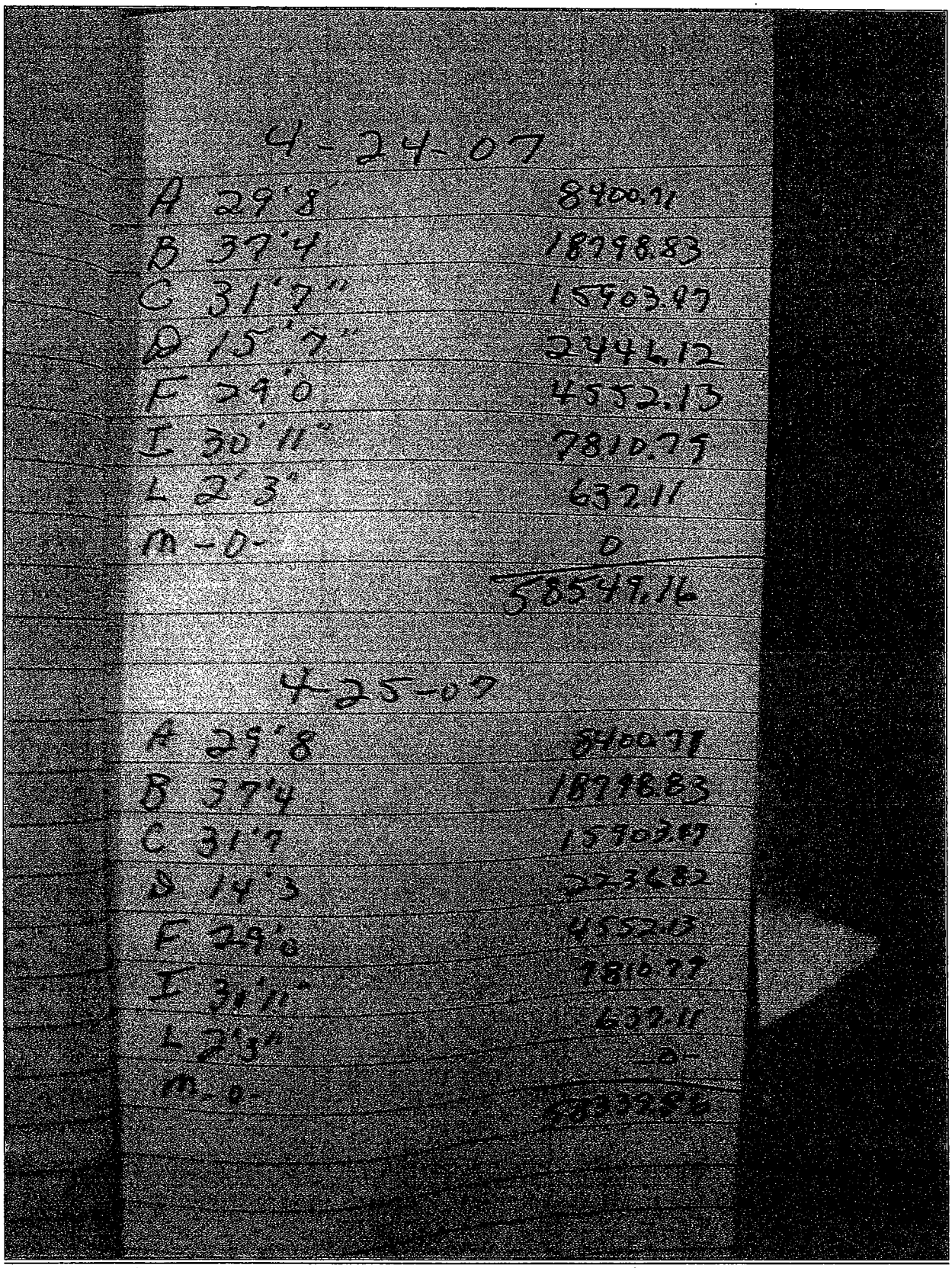
A 29'9"	8424.31
B 37'4"	18798.83
C 35'4"	17791.75
D 16'1"	2524.60
F 29'0	4552.13
I 30'11"	7810.79
L 2'5"	684.30
M 1'3"	315.80
	61302.51

4-22-07

A 29'9"	8424.31
B 37'4"	18798.83
C 35'4"	17791.75
D 10'11"	1713.59
F 29'0"	4552.13
I 30'11"	7810.79
L 2'5"	684.30
M 1'3"	315.80
	60091.50

4-23-07

A 29'11"	8471.50
B 37'4	18798.83
C 30'5"	15316.01
D 20'6"	3217.89
F 29'0	4552.13
I 30'11"	7810.79
L 2'3"	637.11
M 1'3	315.80
	59120.06



4-24-07

A 29'8"	8400.11
B 37'4	18798.83
C 31'7"	15503.47
D 15'7"	2446.12
E 29'0	4552.13
I 30'11"	7810.77
L 2'3"	632.11
M-0-	0
	58549.14

4-25-07

A 29'8	8400.11
B 37'4	18798.83
C 31'7	15502.47
D 14'3	2236.82
E 29'0	4552.13
I 31'11"	7810.77
L 2'3"	632.11
M-0-	-0-
	58333.24

4-26-07

A 23°5"	7193.24
B 32°4"	18198.83
C 33°7"	16910.55
D 9"	1117.73
F 25'	4552.13
I 30°11"	7810.79
L 2°3"	637.11
M 0°	0
	56024.38

4-27-07

A 23°3"	6585.70
B 32°4"	18198.83
C 29°6"	14854.93
D 9"	1117.73
F 29'	4552.13
I 30°11"	7810.79
L 2°3"	637.11
M 0°	0
	53756.22

4-28-07

	17'9"	5026.29
B	37'4"	18798.83
C	31'4"	15777.59
D	9"	11773
E	29'0"	4552.13
F	30'11"	7810.75
L	2'3"	63711
M	0	0
		52720.43

4-30-07

A	15'11	4507.12
B	37'4	18798.83
C	29'10	15022.28
D	9"	11773
E	29"	4552.13
F	30'11"	7810.75
L	0	0
M	0	0
		52862.84

5-1-07

A 17'1"	4837.49
B 37'4	18798.83
C 28'6	14350.89
D 9	117.73
E 29'	4552.13
I 30'11"	7810.77
	50467.84

5-2-07

A 17'4"	4908.28
B 37'4"	18798.83
C 28'1"	14141.08
D 9"	117.73
E 29'	4552.13
I 30'11	7810.77
	50328.82

5-3-07

A 15'4"	4341.94
B 37'4"	18798.83
C 28 6	14434.81
D 9'	11775
F 29'	4552.13
I 30'11"	7810.79
	50052.25

5-4-07

A 15' 7"	4412.73
B 37'4"	18798.83
C 28'6"	14350.85
D -0-	0
F 29'0"	4552.13
I 30' 11	7810.79
	49925.33

5-7-07

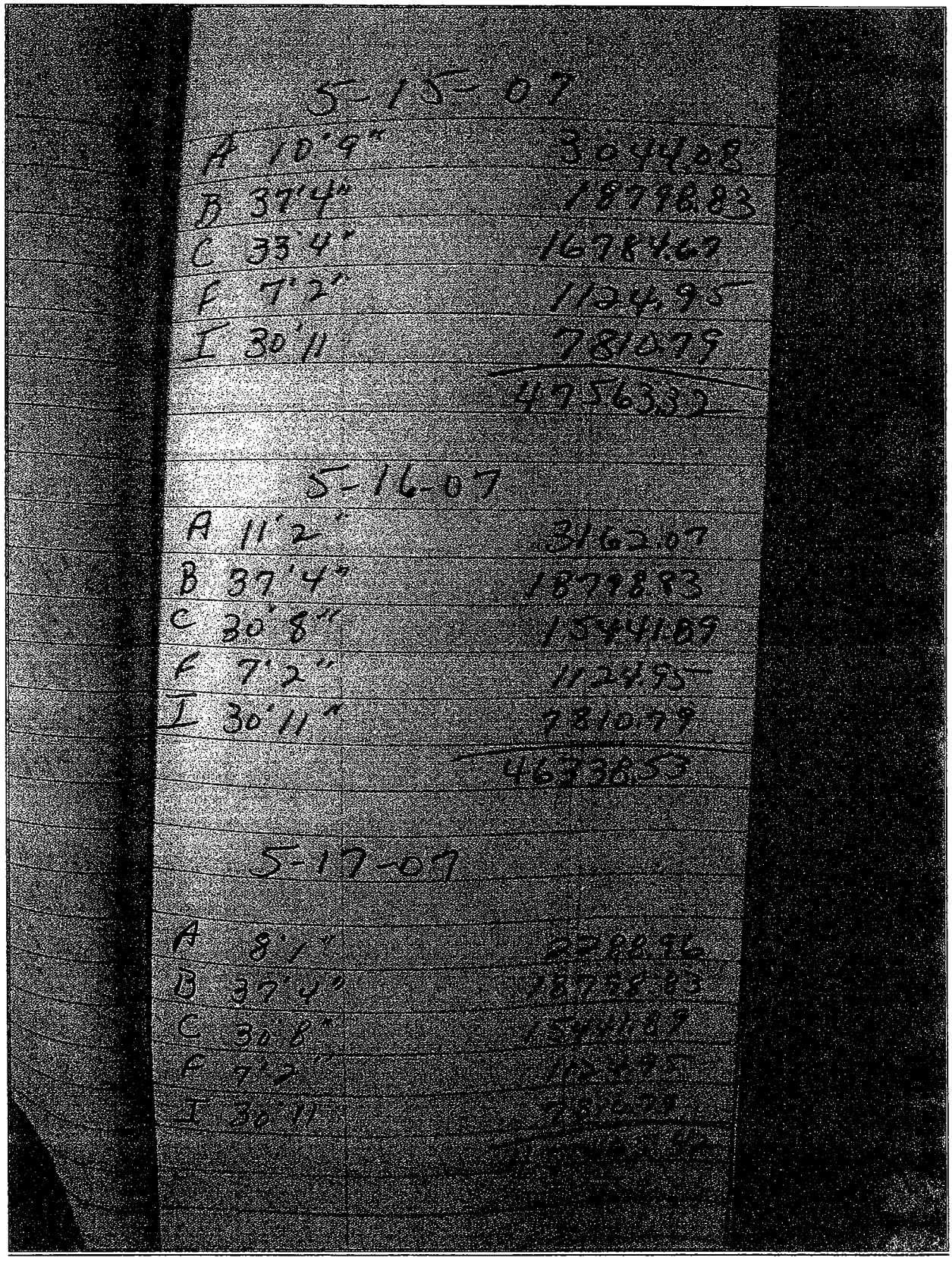
A	20°10'	5922.37
B	37'4"	1879.83
C	23'11"	1204.00
F	29°0	4552.13
I	30°11	7810.71
		49129.72

5-8-07

A	20°0	5643.40
B	37°4	1879.83
C	23°4	1194.27
F	29°0	4552.13
I	30°11	7810.23
		21079.86

5-9-07

A	19°6"	5521.82
B	37°4"	1879.83
C	24°11"	1294.54
F	29°0"	4552.13
I	30°11"	7810.71



5-15-07

A 10'9" 3044.08
B 37'4" 1877.83
C 33'4" 1676.67
F 7'2" 112.95
I 30'11 781.079
4756.352

5-16-07

A 11'2" 316.207
B 37'4" 1877.83
C 30'8" 1549.89
F 7'2" 112.95
I 30'11" 781.079
4637.853

5-17-07

A 8'1" 228.96
B 37'4" 1877.83
C 30'8" 1549.89
F 7'2" 112.95
I 30'11" 781.079

5-18-07

A 8'1	2288.96
B 37'4	18795.83
C 30'4	15106.20
F 17'2	1134.95
I 30'11	7810.79
	45129.73

5-22-07

A 9'7"	2713.71
B 37'4"	18798.83
C 28'10"	12001.04
F 0	0
I 30'11"	7810.79
	41324.47

5-23-07

A 13'0	3681.21
B 37'4	18798.83
C 19'5	9997.07
I 9'6	2400.08
H 16'2	4088.35
	38744.54

5-24-07

A	11	3114.87
B	37'4	1879883
C	16'7	835037
I	8'10	2231.63
H	16'2	4084.35
		365-8007

5-25-07

A	10'10"	3067.68
B	37'4	1879883
C	11'4"	570679
I	8'0	2021.12
H	16'2	4084.35
		33678.77

5-29-07

A-	30'8"	8683.88
B	37'4	1879883
C	8'4	419617
H	10'10	2736.93
I	2'	505.28
		34921.09

5-30-07

A 33'2	9108.64
B 37'4	18798.83
C 7'8"	3860.47
H 10'10	2736.93
I 1'8"	421.07
	34925.94

5-31-07

A 29'4	8306.32
B 37'4	18798.83
C 9'10	5455.02
H 10'10	2736.93
I 0	
	35297.10

June 1, 2007

A	29'10"	8541.73
B	35'4"	18398.83
C	8'11"	4409.70
D	2'0"	513.44
E	11'10"	2736.93
		34597.53

6-2-07

A	29'8	8460.71
B	30'4	[illegible]
C	6'6	3297.01
D	5'11	4238.39
E	11'10	2736.93
		34138.22

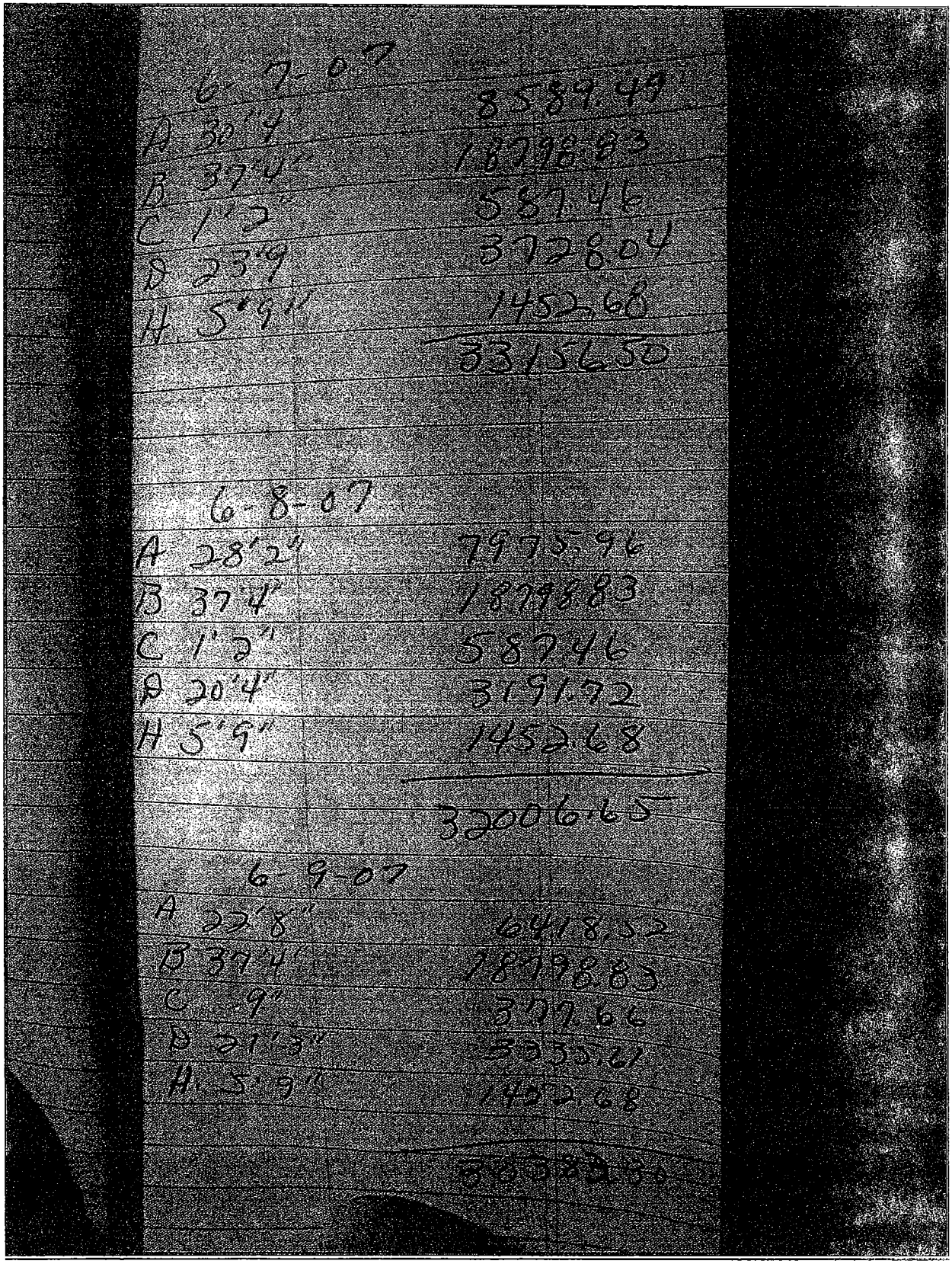
6-3-07

A	31'8	8967.05
B	35'4	15795.83
C	[redacted] 4'11"	2475.74
D	5'10	415.00
E	10'10	2736.98
		33844.21

	6 4 07	4391.81
A	33'2	18798.83
B	37'4	2517.70
C	5'0	985.86
D	5'10	2736.93
H	10'10	
		34360.93

	6-5-07	
A	29'1	8255.53
B	37'4	18798.83
C	8'5	1720.43
D	15'4	2406.57
H	10'10	2736.93
		33878.55

	6 6 07	
A	28'8	8117.54
B	37'4	18798.83
C	2'8	1216.85
D	11'10	3113.24
H	9'9	2461.13
		[illegible]



6-7-07

A 30'7	8584.49
B 37'4"	18798.83
C 1'2"	587.46
D 23'9	3722.04
H 5'9"	1452.68
	33156.50

6-8-07

A 28'2"	7975.96
B 37'4"	18798.83
C 1'2"	587.46
D 20'4"	3191.72
H 5'9"	1452.68
	32006.65

6-9-07

A 22'8"	6418.52
B 37'4"	18798.83
C 9"	294.66
D 21'3"	3333.67
H 5'9"	1452.68
	30298.36

6.10.07

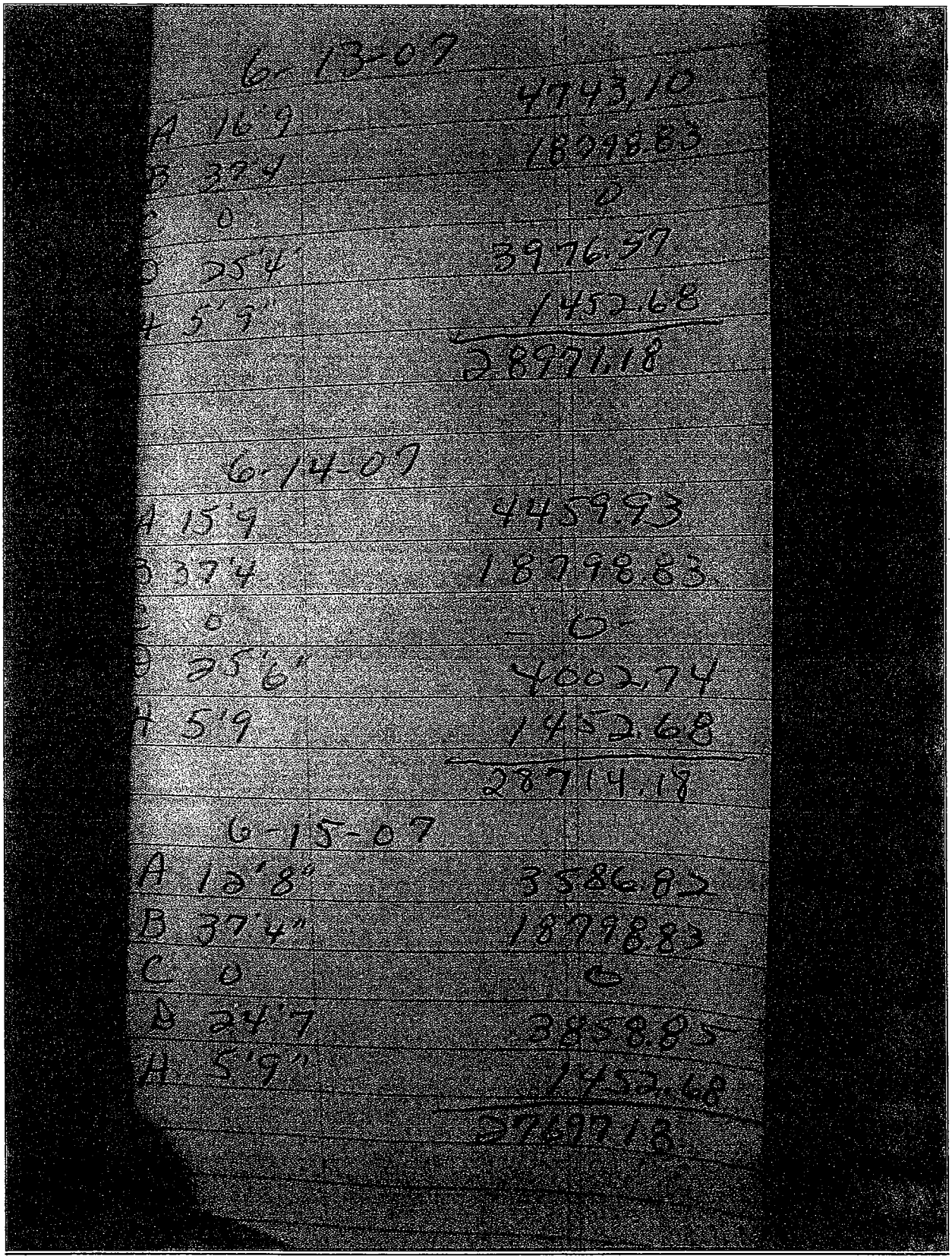
A	18'6	5258.65
B	37'4	18798.83
C	9"	377.66
D	24'0	3767.28
H	5'9	902.58
		29085.00

6.11.07

A	18'3	5167.85
B	37'4	18798.83
C	9"	377.66
D	22'7	3544.91
H	5'9	902.58
		28791.83

6-12-07

A	16'11"	4790.29
B	37'4"	18798.83
C	-0-	-0-
D	24'3"	3806.52
H	5'9"	1452.68
		28848.32



6-13-07

A 16'9" 4943.10

B 37'4" 1809.83

C 0 0

D 25'4" 3976.37

H 5'9" 1452.68

28971.18

6-14-07

A 15'9" 4459.93

B 37'4" 1879883.

C 0 0

D 25'6" 4002.74

H 5'9" 1452.68

28714.18

6-15-07

A 12'8" 3586.82

B 37'4" 1879883

C 0 0

D 24'7" 3858.85

H 5'9" 1452.68

27697.18

6-16-07

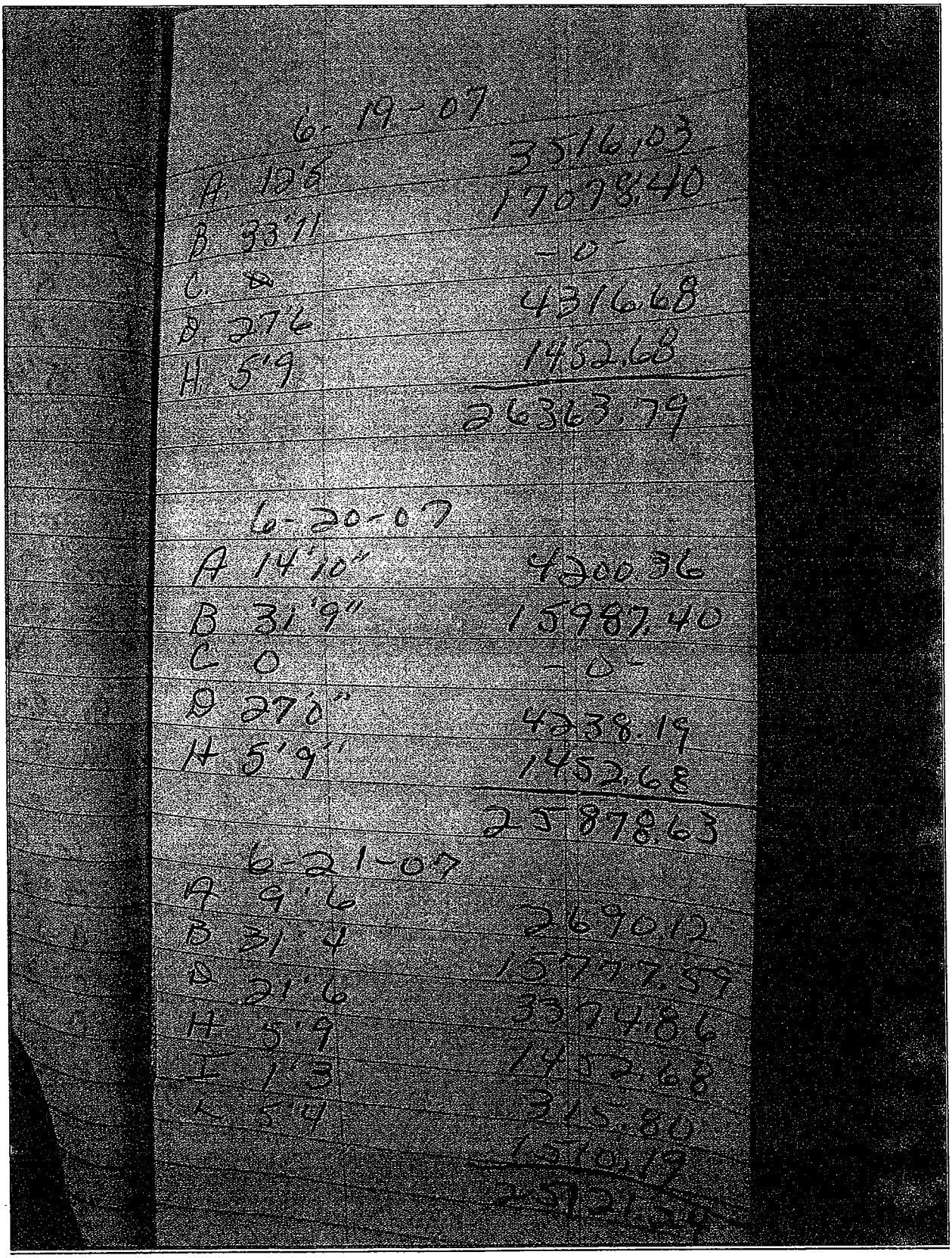
A 10'7"	2996.88
B 37'4"	18798.83
C ø	ø
D 23'7"	3701.88
H 5'9"	1452.68
	26950.27

6-17-07

A 7'2"	2029.39
B 37'4"	18798.83
C ø	ø
D 24'9"	3885.01
H 5'9"	1452.68
	26165.91

6-18-07

A 5'11"	1675.42
B 37'4"	18798.83
C ø	ø
D 26'3½	[illegible]
H 5'9"	[illegible]



6-19-07

A 12'6	3516.03
B 33'11	17078.40
C ⌀	-0-
D 27'6	4316.68
H 5'9	1452.68
	26363.79

6-20-07

A 14'10"	4300.36
B 31'9"	15987.40
C 0	-0-
D 27'0"	4238.19
H 5'9"	1452.68
	25878.63

6-21-07

A 9'6	2690.12
B 31'4	15777.59
D 21'6	3374.86
H 5'9	1452.68
L 1'3	215.80
L 5'4	1510.19
	25021.24

6-22-09

B 4'4"	133701
B' 32'3"	1323229
C -0-	-0-
D 22'9"	357107
H 5'9"	145268
I 1'3"	31580
L 5'4"	151019
	2330870

6-23-09

A -0-	0
B 25'12"	1300812
C 0	0
D 25'6"	399425
H 5'9"	145268
I 1'3"	32840
L 5'4"	151819
	2330870